

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078412.D
 Acq On : 27 Jun 2023 11:59
 Operator : JC\MD
 Sample : VN0627MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

Quant Time: Jun 28 07:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	448007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	806148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	711875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	300020	50.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.460%	
35) Dibromofluoromethane	8.177	113	287868	56.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.960%	
50) Toluene-d8	10.571	98	923857	47.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.040%	
62) 4-Bromofluorobenzene	12.853	95	297110	48.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.280%	

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	1465	Below Cal	#	42
5) Bromomethane	2.977	94	3631	0.725	ug/l	# 77
10) Methyl Iodide	4.594	142	2907	0.433	ug/l	# 91
11) Tert butyl alcohol	5.518	59	623	0.755	ug/l	# 72
13) Acrolein	4.194	56	1608	1.769	ug/l	# 79
15) Acrylonitrile	5.730	53	981	0.461	ug/l	# 43
16) Acetone	4.436	43	778	0.453	ug/l	# 40
17) Carbon Disulfide	4.718	76	7386	0.587	ug/l	# 81
18) Methyl Acetate	5.047	43	2012	0.254	ug/l	# 68
20) Methylene Chloride	5.277	84	2624	0.462	ug/l	# 84
21) trans-1,2-Dichloroethene	5.794	96	1250	0.237	ug/l	# 55
25) 2-Butanone	7.506	43	2089	0.790	ug/l	# 75
29) Tetrahydrofuran	7.847	42	827	0.468	ug/l	# 39
31) Cyclohexane	8.230	56	10084	1.316	ug/l	# 34
38) Carbon Tetrachloride	8.230	117	48209	6.245	ug/l	# 18
39) Methylcyclohexane	9.606	83	1534	0.202	ug/l	# 86
44) Trichloroethene	9.353	130	1241	0.215	ug/l	# 87
49) 1,4-Dioxane	9.700	88	316	3.280	ug/l	# 74
51) 4-Methyl-2-Pentanone	10.453	43	3254	0.566	ug/l	# 74
59) 2-Hexanone	11.206	43	5724	1.429	ug/l	# 92
68) m/p-Xylenes	12.070	106	2474	0.247	ug/l	# 92
74) N-amyl acetate	12.506	43	2692	0.379	ug/l	# 88
75) 1,1,2,2-Tetrachloroethane	12.941	83	1452	Below Cal	#	84
76) 1,2,3-Trichloropropane	12.853	75	160345	29.725	ug/l	# 1
77) Bromobenzene	12.988	156	1914	0.382	ug/l	# 85
78) n-propylbenzene	13.041	91	5823	0.248	ug/l	# 86
80) 1,3,5-Trimethylbenzene	13.176	105	4117	0.236	ug/l	# 95
81) trans-1,4-Dichloro-2-b...	12.853	75	160345	91.325	ug/l	# 15
82) 4-Chlorotoluene	13.229	91	4894	0.347	ug/l	# 75
84) 1,2,4-Trimethylbenzene	13.488	105	4092	0.242	ug/l	# 95
85) sec-Butylbenzene	13.617	105	8026	0.404	ug/l	# 92
86) p-Isopropyltoluene	13.729	119	6399	0.397	ug/l	# 93
87) 1,3-Dichlorobenzene	13.741	146	3261	0.385	ug/l	# 89
88) 1,4-Dichlorobenzene	13.741	146	3261	0.399	ug/l	# 87
89) n-Butylbenzene	14.059	91	10713	0.842	ug/l	# 96
90) Hexachloroethane	14.329	117	1031	0.360	ug/l	# 89

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

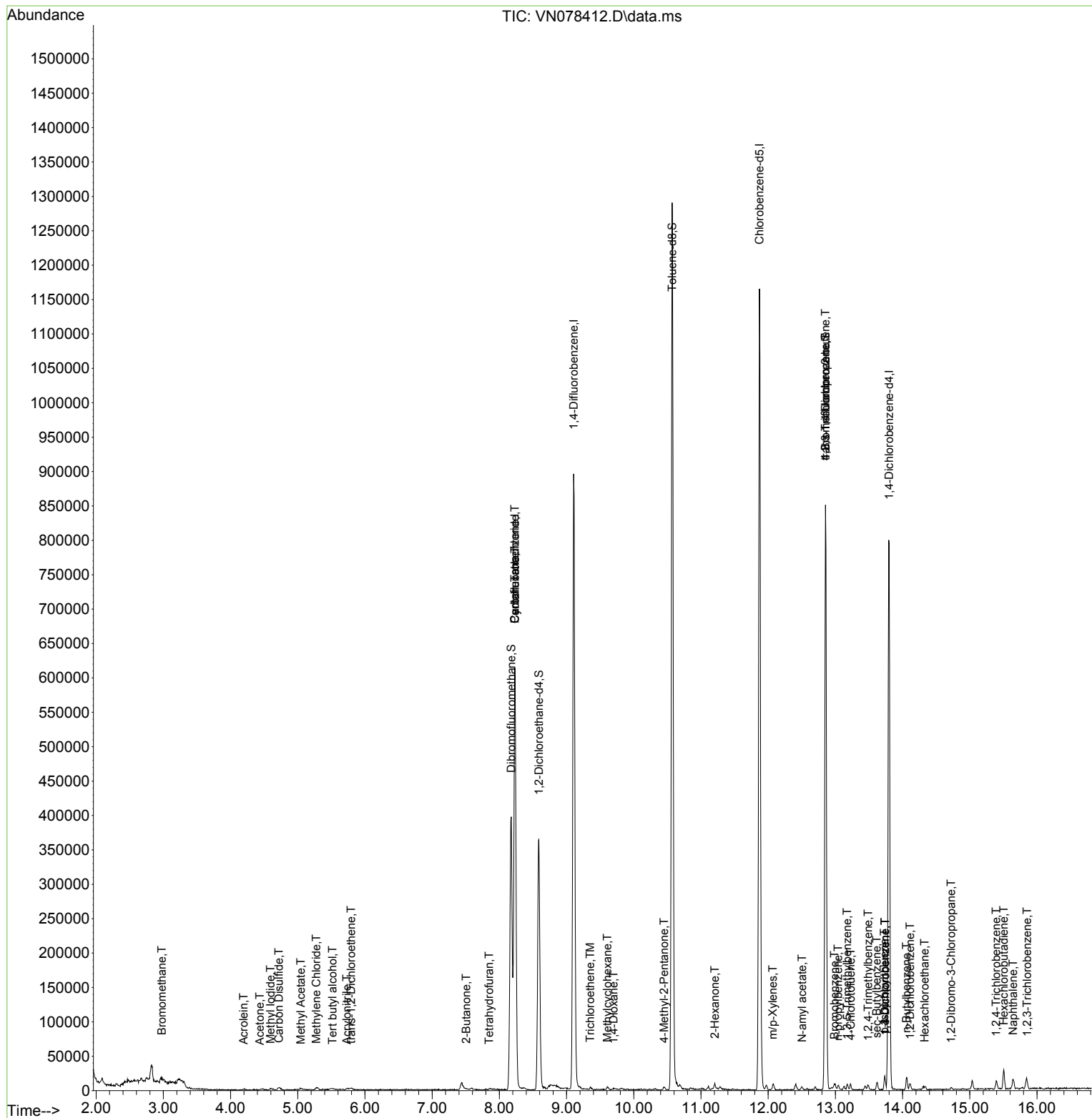
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.111	146	3968	0.479	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.723	75	730	0.683	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	4229	1.433	ug/l	93
94) Hexachlorobutadiene	15.506	225	5584	1.249	ug/l	86
95) Naphthalene	15.647	128	15076	1.519	ug/l	100
96) 1,2,3-Trichlorobenzene	15.853	180	5820	1.764	ug/l	92

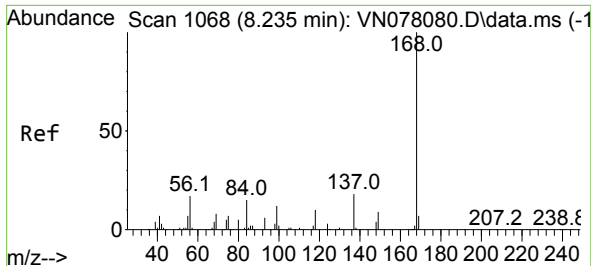
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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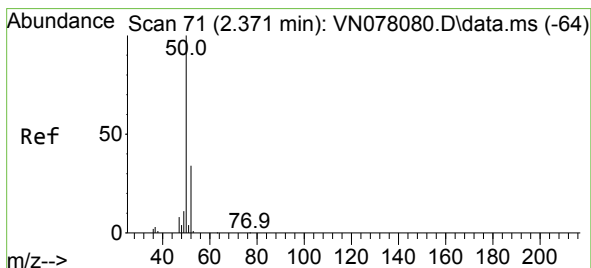
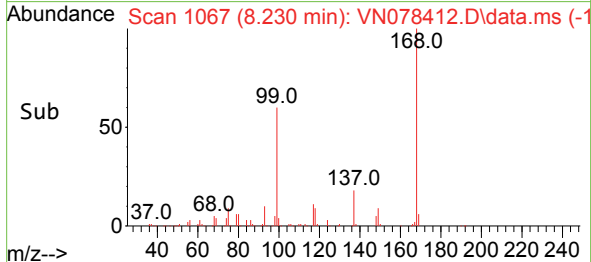
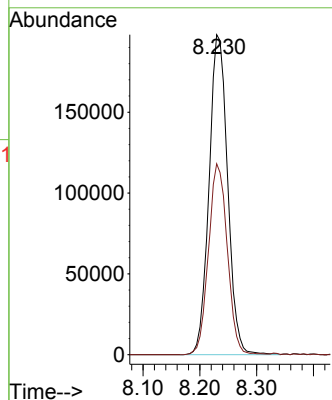
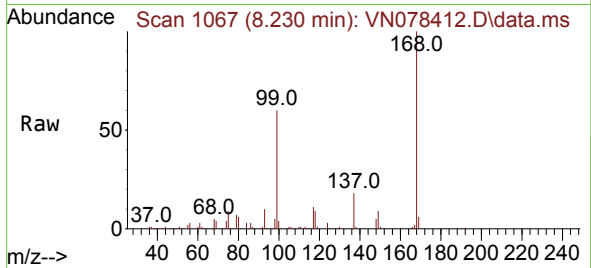




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078412.D
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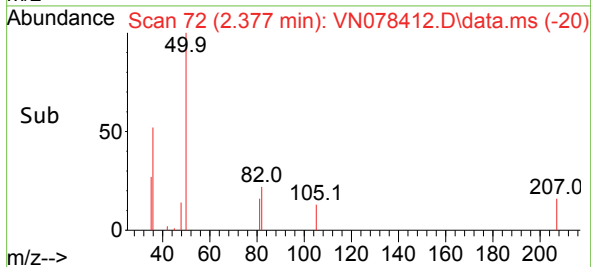
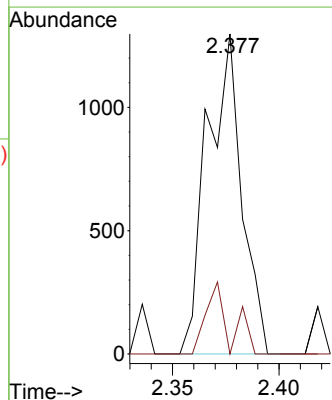
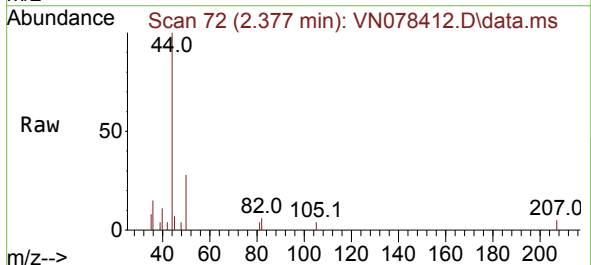
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

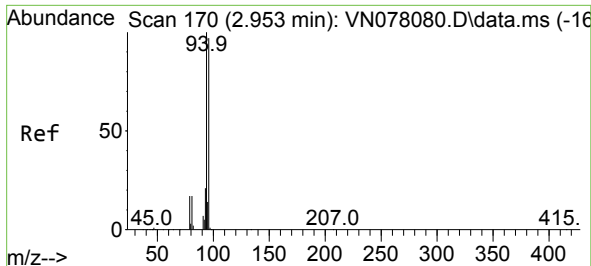
Tgt Ion:168 Resp: 448007
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 50 Resp: 1465
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

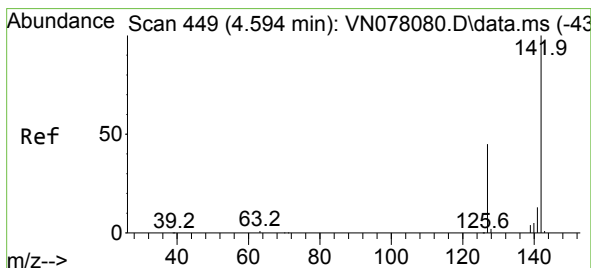
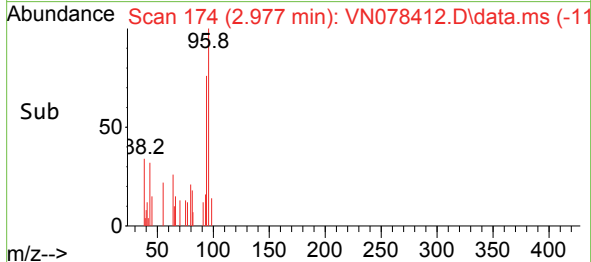
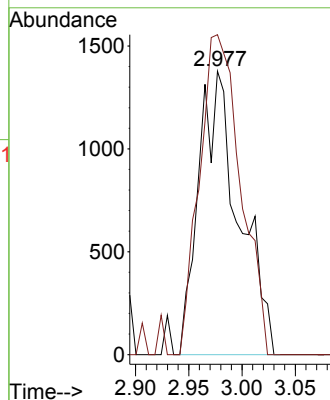
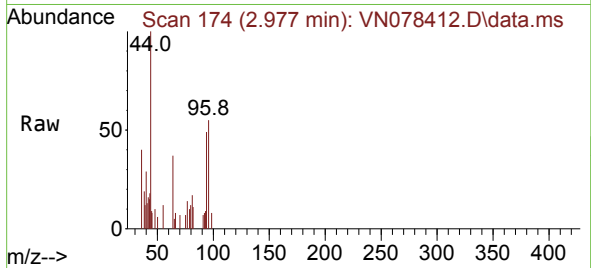




#5
Bromomethane
Concen: 0.725 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

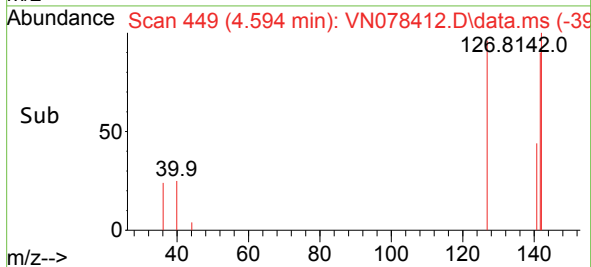
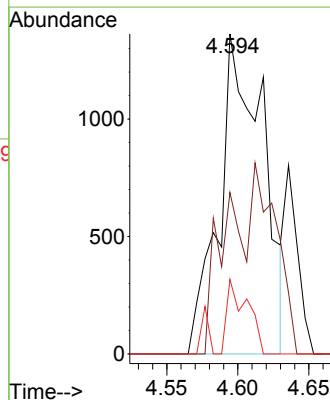
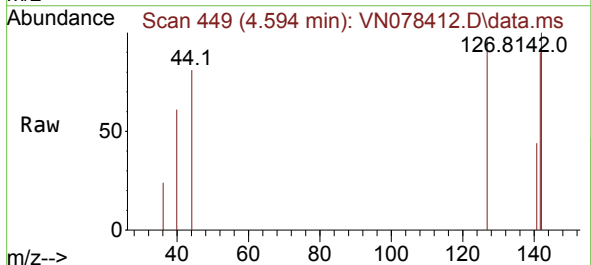
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

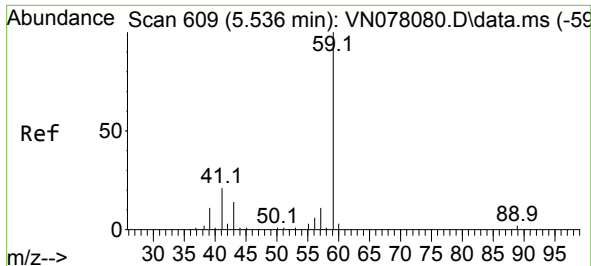
Tgt Ion: 94 Resp: 3631
Ion Ratio Lower Upper
94 100
96 112.8 73.1 109.7#



#10
Methyl Iodide
Concen: 0.433 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 142 Resp: 2907
Ion Ratio Lower Upper
142 100
127 50.4 37.6 56.4
141 23.3 11.4 17.0#

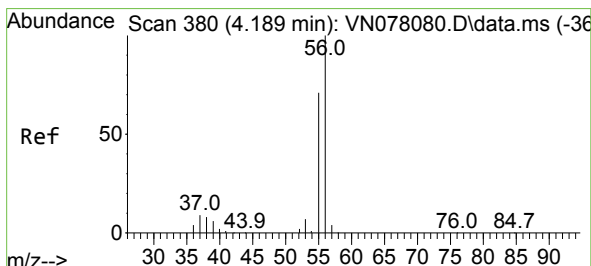
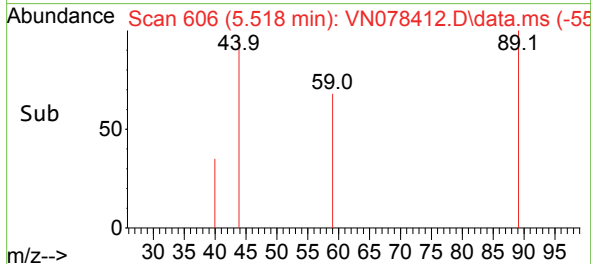
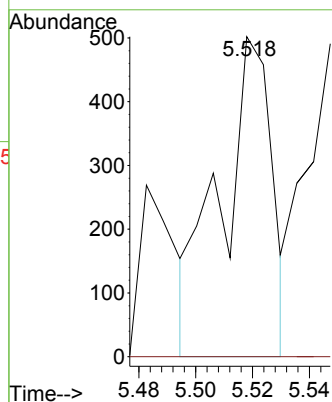
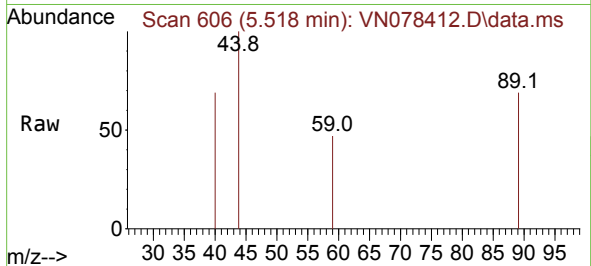




#11
Tert butyl alcohol
Concen: 0.755 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

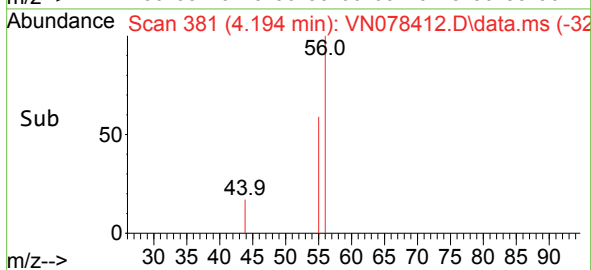
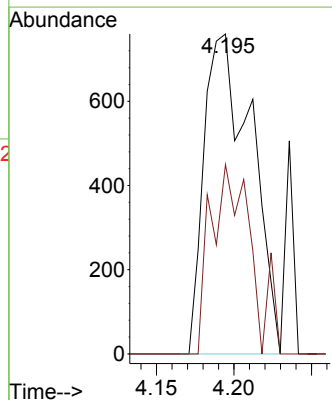
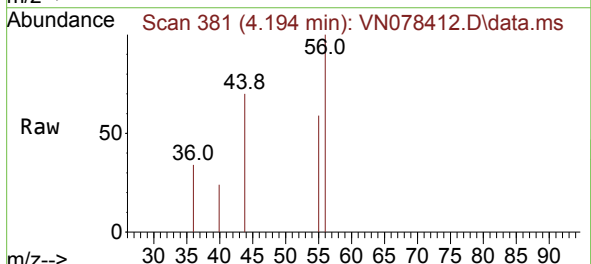
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

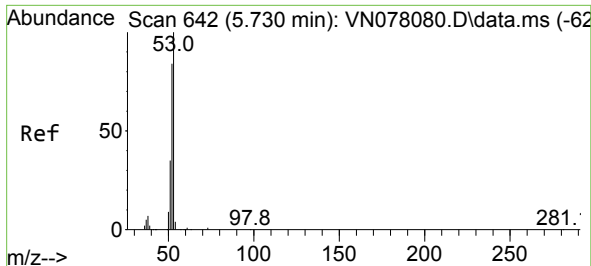
Tgt Ion: 59 Resp: 623
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.769 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 56 Resp: 1608
Ion Ratio Lower Upper
56 100
55 50.8 54.5 81.7#

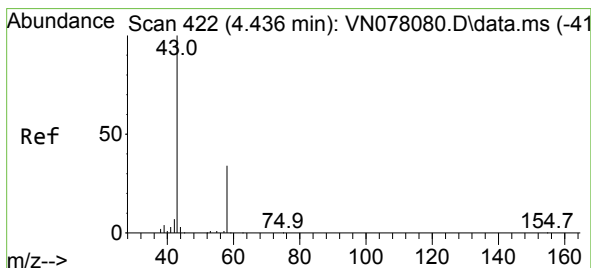
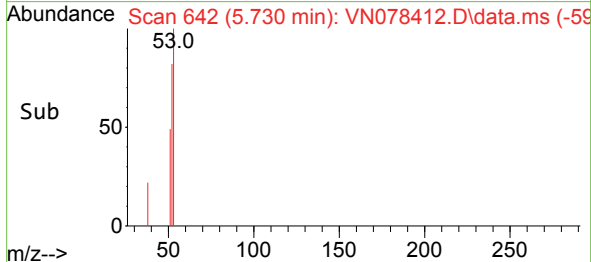
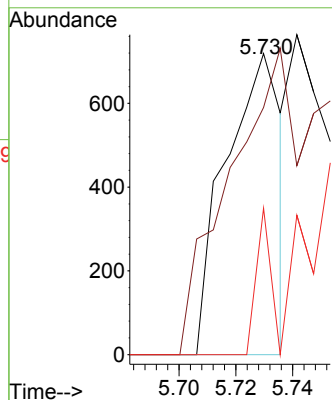
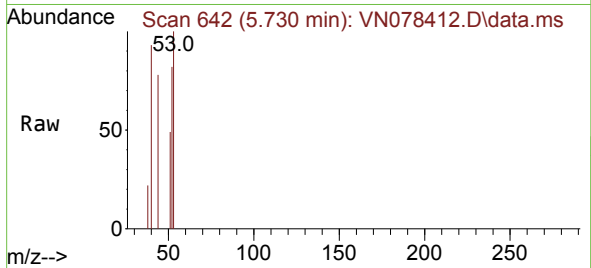




#15
Acrylonitrile
Concen: 0.461 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

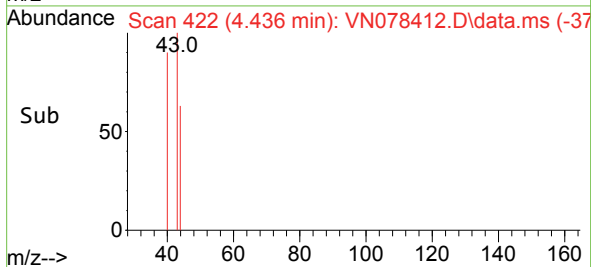
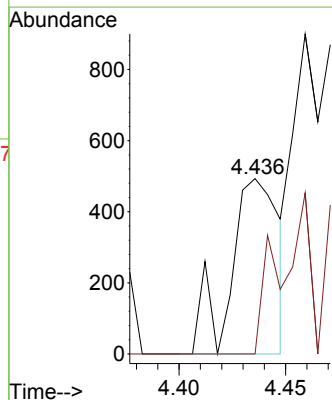
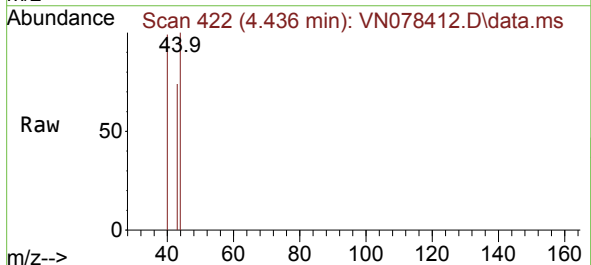
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

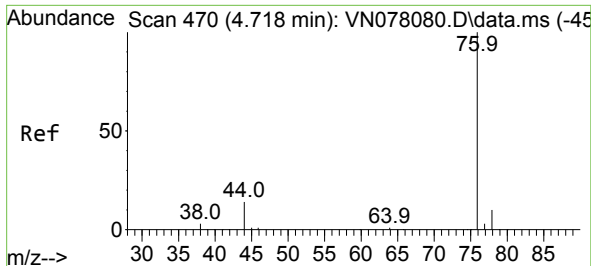
Tgt Ion: 53 Resp: 981
Ion Ratio Lower Upper
53 100
52 139.4 65.3 97.9#
51 12.5 28.9 43.3#



#16
Acetone
Concen: 0.453 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

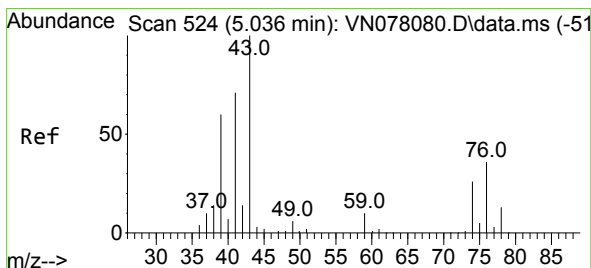
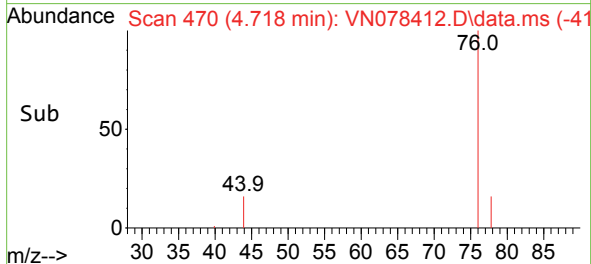
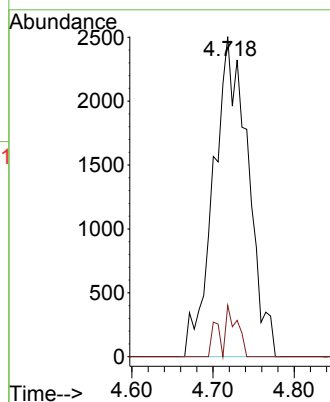
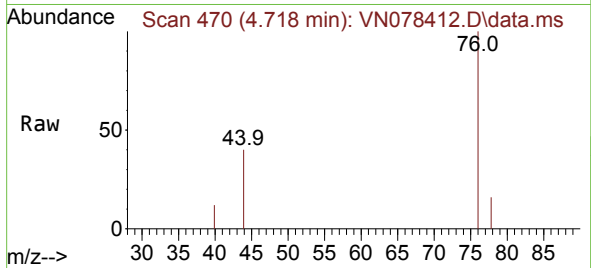




#17
Carbon Disulfide
Concen: 0.587 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

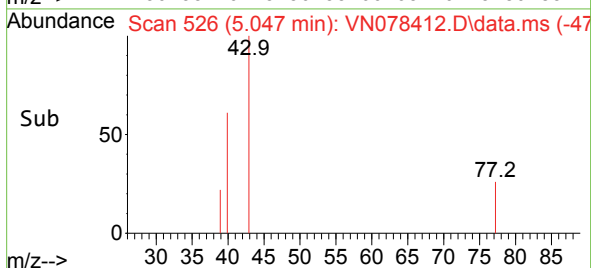
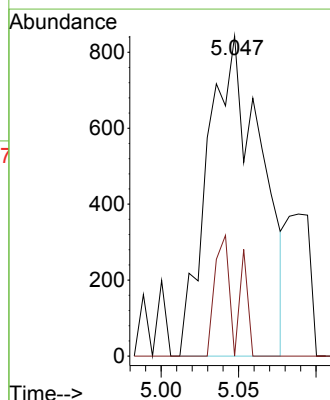
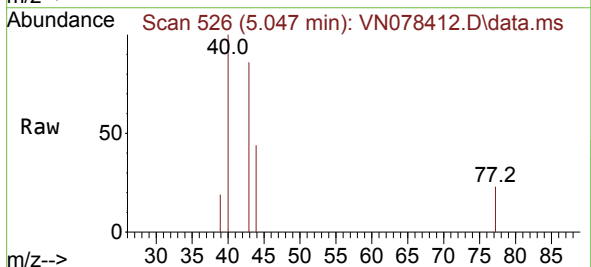
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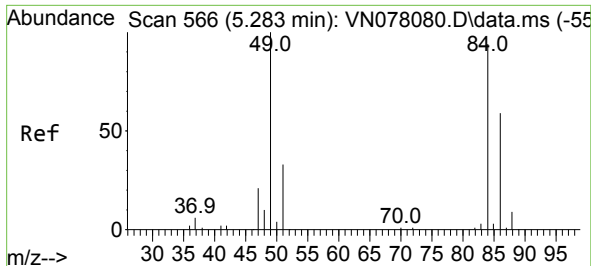
Tgt Ion: 76 Resp: 7386
Ion Ratio Lower Upper
76 100
78 16.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
74 15.0 26.2 39.4#

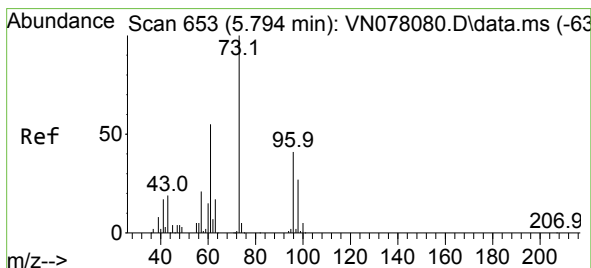
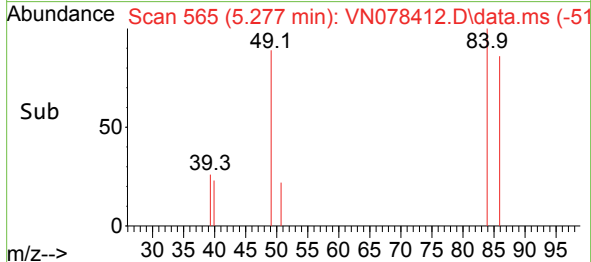
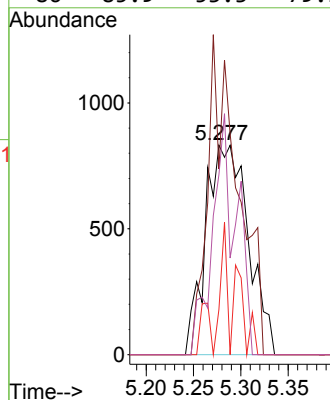
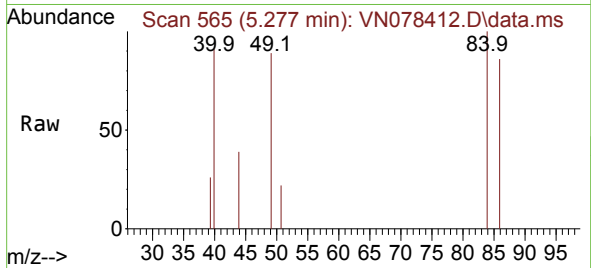




#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

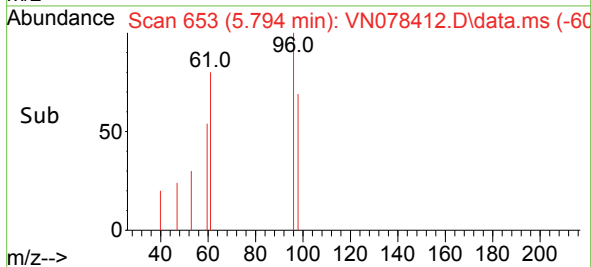
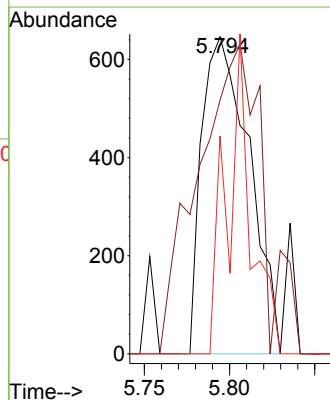
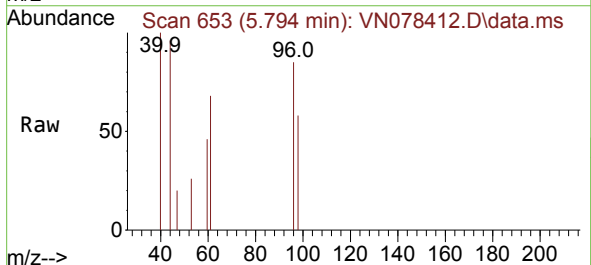
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

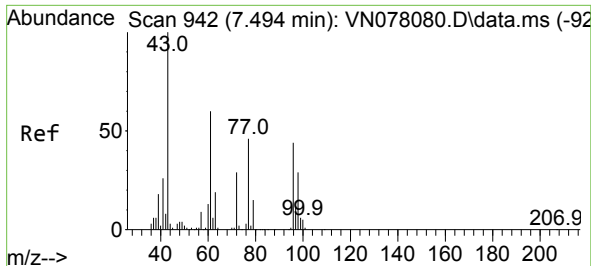
Tgt Ion:	84	Resp:	2624
Ion	Ratio	Lower	Upper
84	100		
49	88.7	79.7	119.5
51	21.6	25.2	37.8#
86	85.9	53.3	79.9#



#21
trans-1,2-Dichloroethene
Concen: 0.237 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion:	96	Resp:	1250
Ion	Ratio	Lower	Upper
96	100		
61	47.4	90.1	135.1#
98	68.7	46.4	69.6

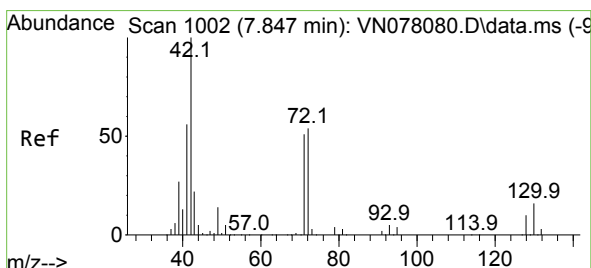
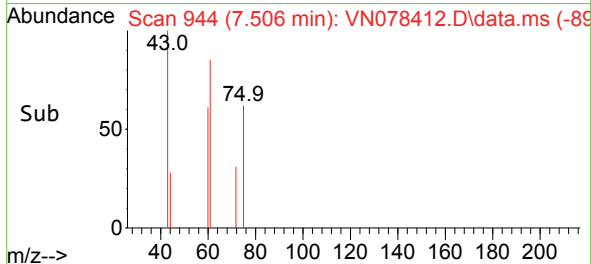
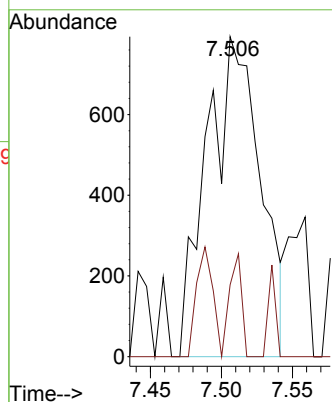
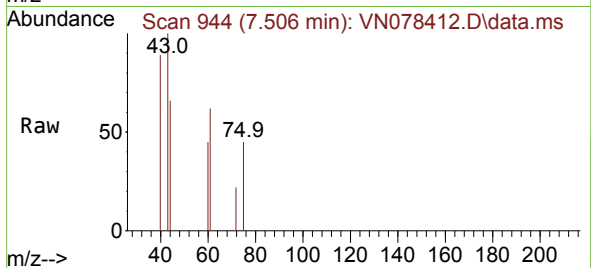




#25
2-Butanone
Concen: 0.790 ug/l
RT: 7.506 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

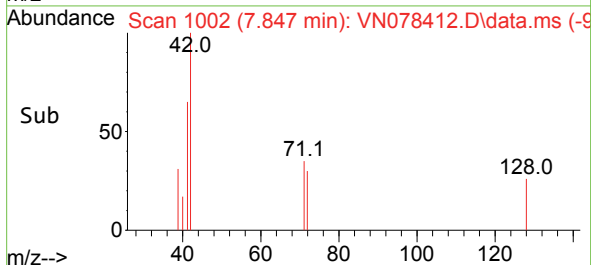
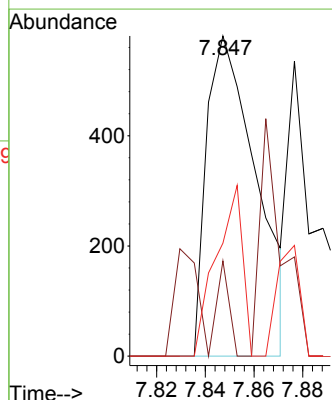
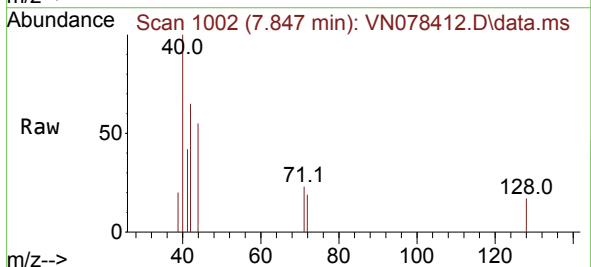
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

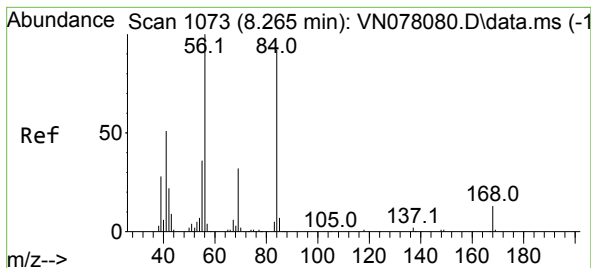
Tgt Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
72 22.4 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.468 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 42 Resp: 827
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 28.4 47.4 71.2#





#31

Cyclohexane

Concen: 1.316 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0627MBL01

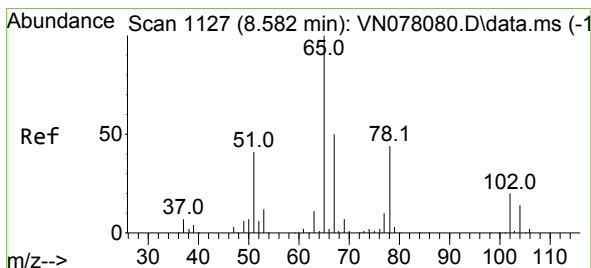
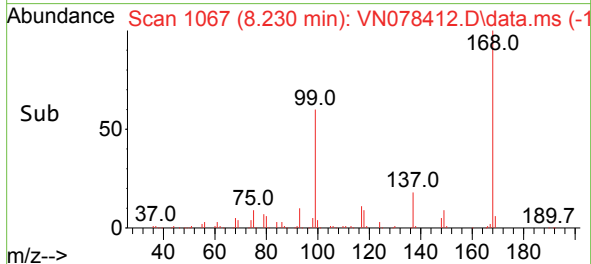
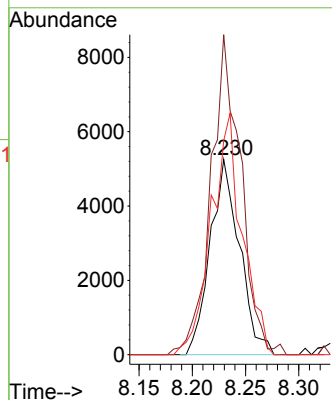
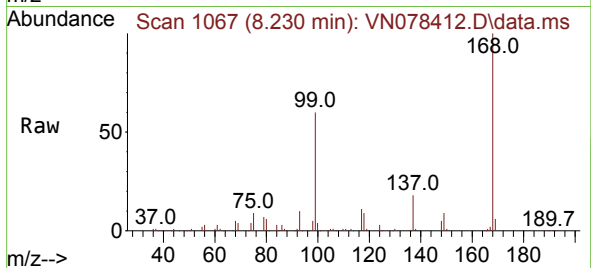
Tgt Ion: 56 Resp: 10084

Ion Ratio Lower Upper

56 100

69 160.3 26.8 40.2#

84 116.6 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 50.227 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078412.D

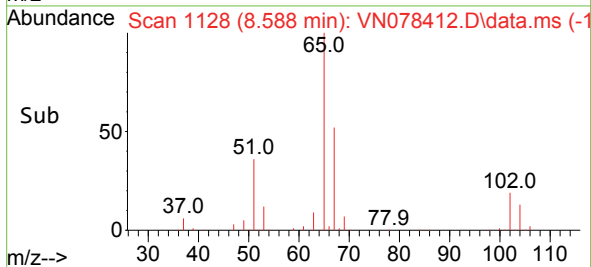
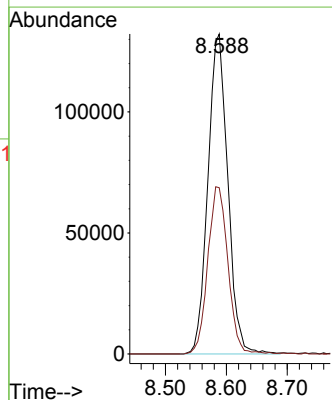
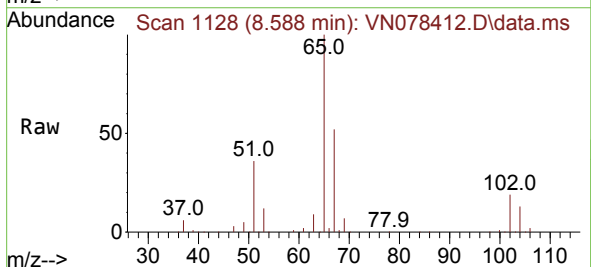
Acq: 27 Jun 2023 11:59

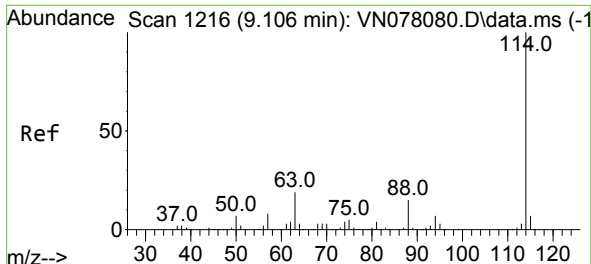
Tgt Ion: 65 Resp: 300020

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6

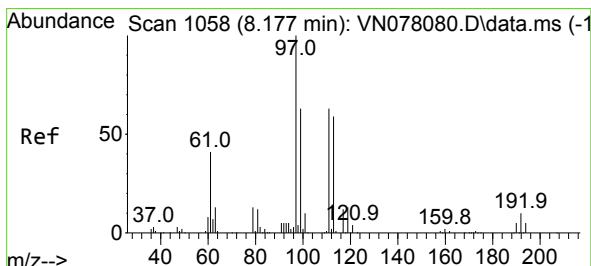
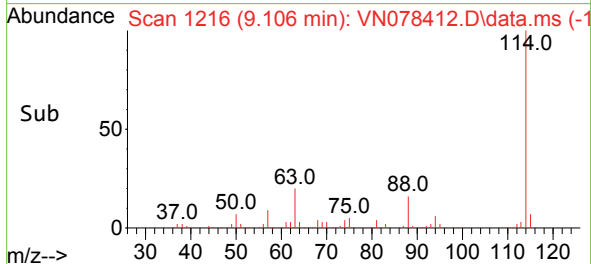
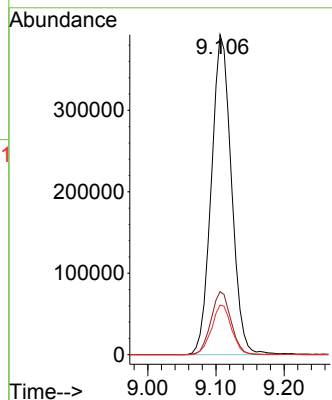
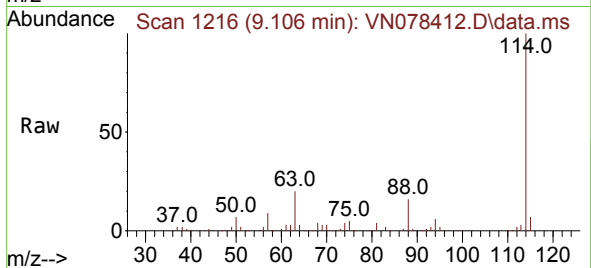




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

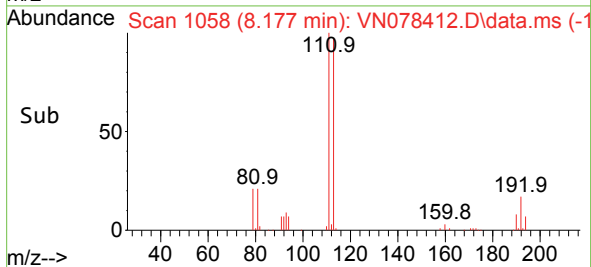
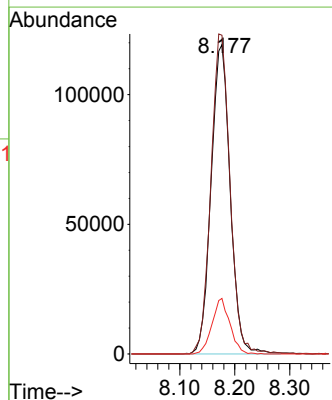
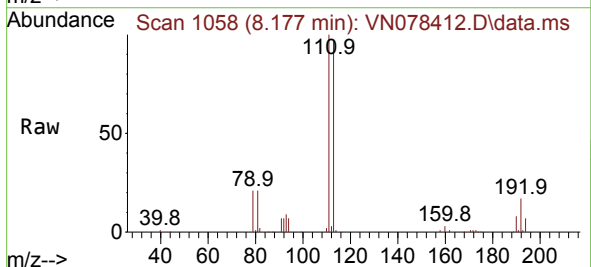
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

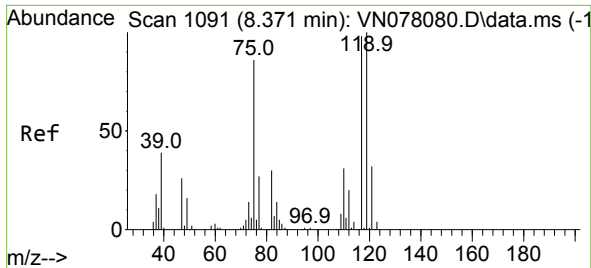
Tgt Ion:114 Resp: 806148
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.476 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion:113 Resp: 287868
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 16.8 12.7 19.1

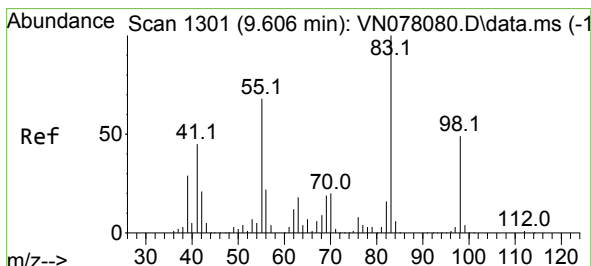
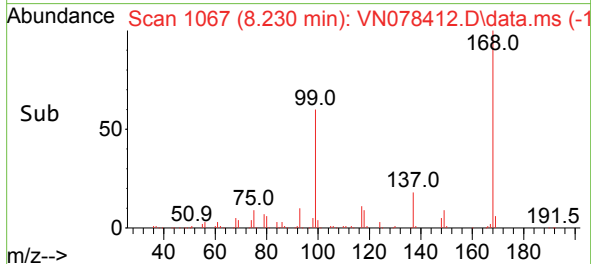
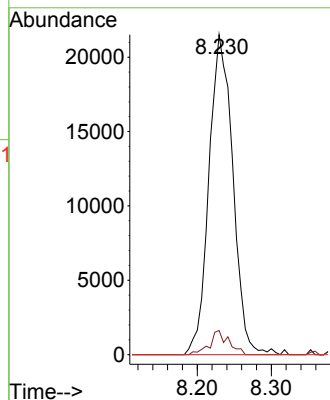
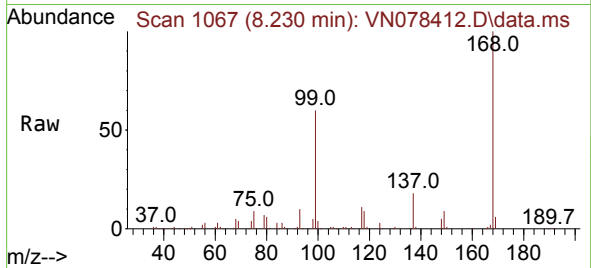




#38
Carbon Tetrachloride
Concen: 6.245 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

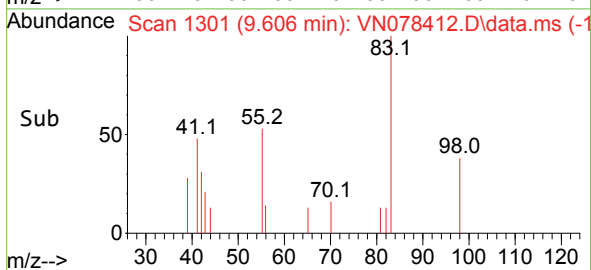
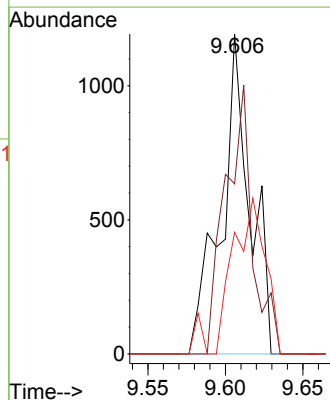
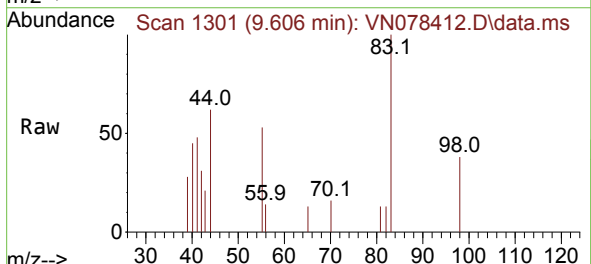
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

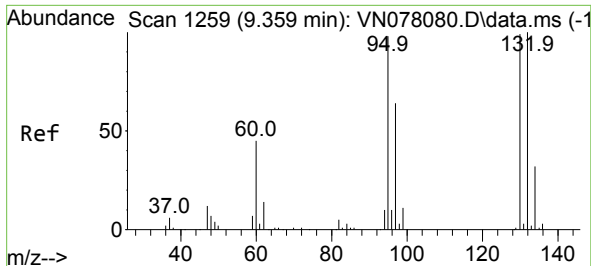
Tgt Ion:117 Resp: 48209
Ion Ratio Lower Upper
117 100
119 7.5 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.202 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 83 Resp: 1534
Ion Ratio Lower Upper
83 100
55 53.1 49.1 73.7
98 38.0 40.6 61.0#

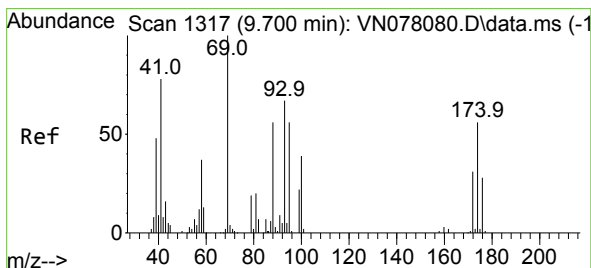
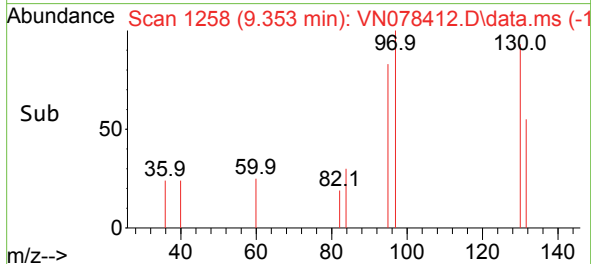
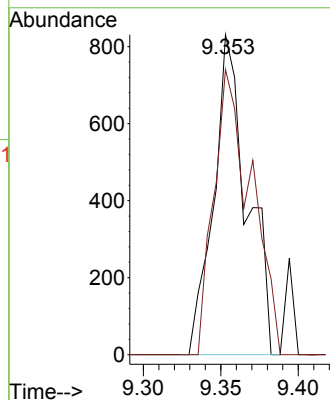
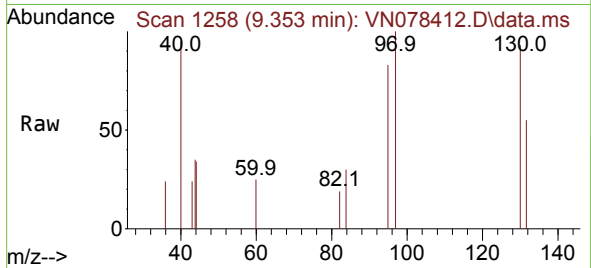




#44
Trichloroethene
Concen: 0.215 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

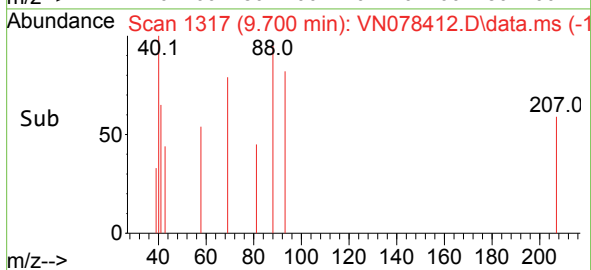
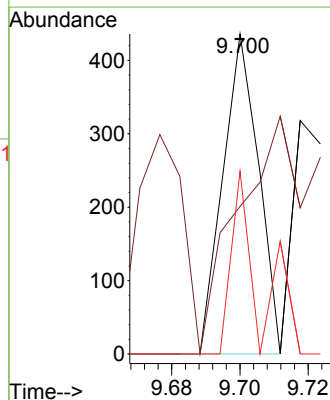
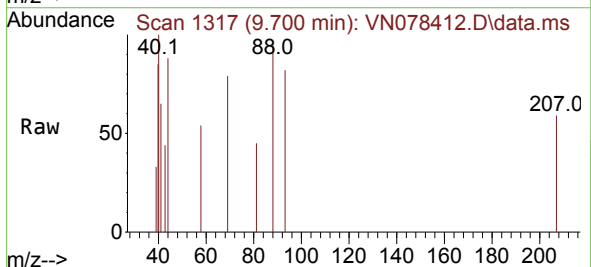
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

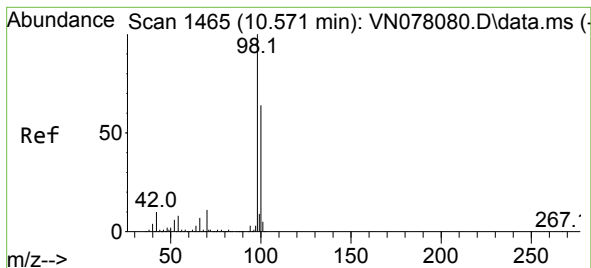
Tgt Ion:130 Resp: 1241
Ion Ratio Lower Upper
130 100
95 89.2 0.0 204.6



#49
1,4-Dioxane
Concen: 3.280 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 88 Resp: 316
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 44.9 47.0 70.4#





#50

Toluene-d8

Concen: 47.015 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

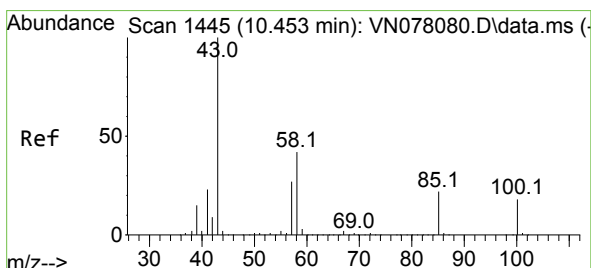
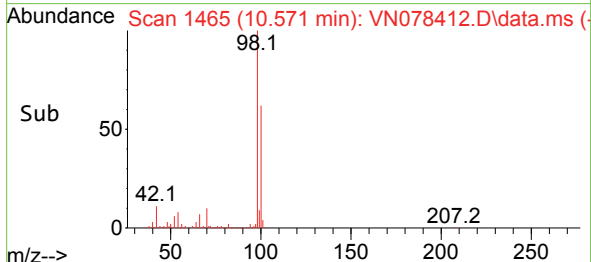
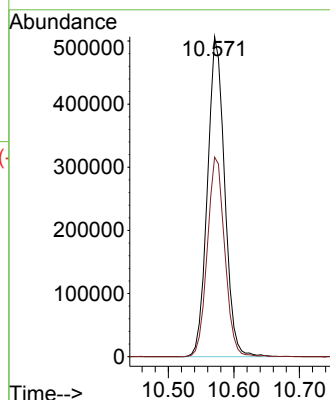
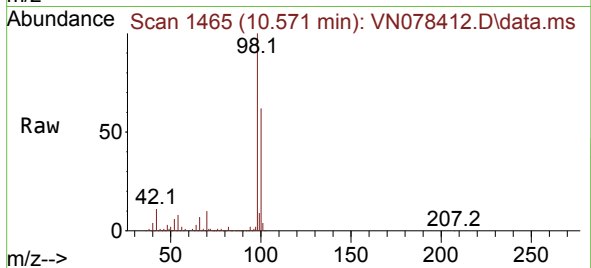
VN0627MBL01

Tgt Ion: 98 Resp: 923857

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.566 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN078412.D

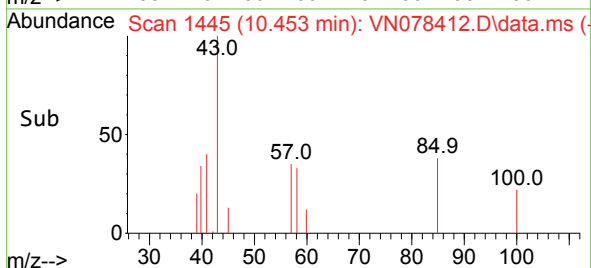
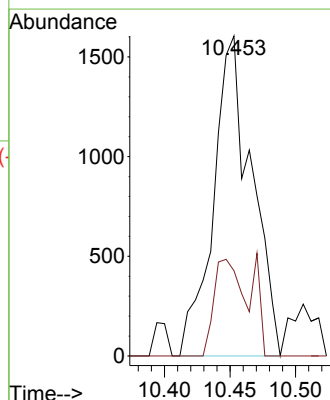
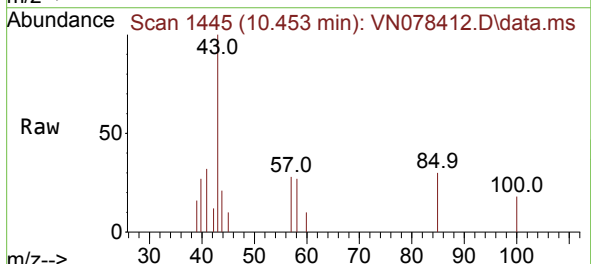
Acq: 27 Jun 2023 11:59

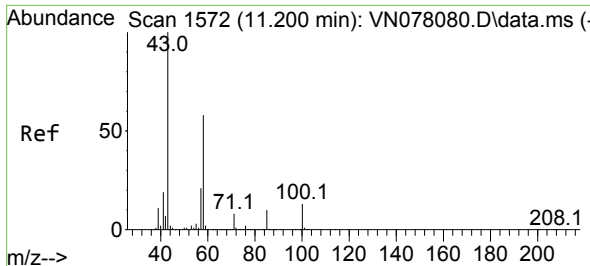
Tgt Ion: 43 Resp: 3254

Ion Ratio Lower Upper

43 100

58 28.3 36.6 54.8#

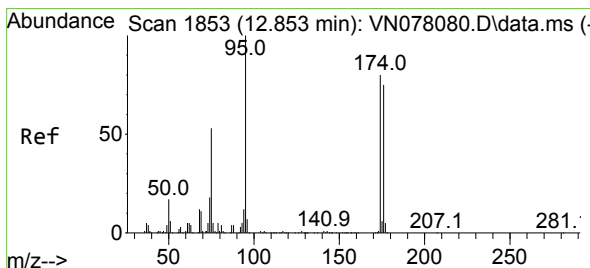
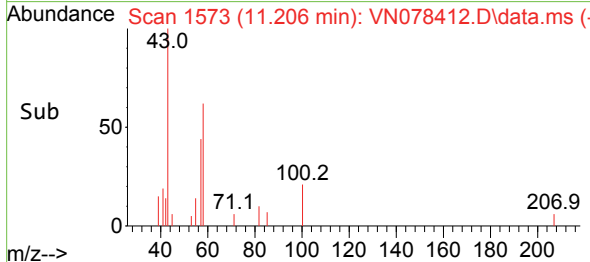
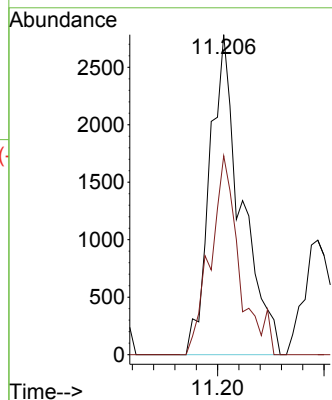
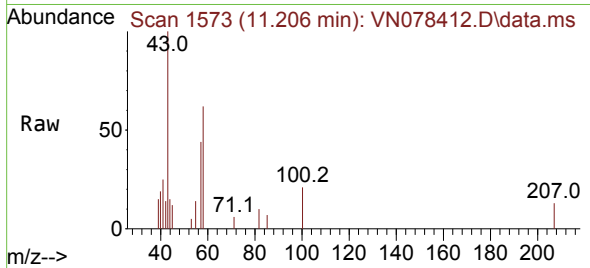




#59
2-Hexanone
Concen: 1.429 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

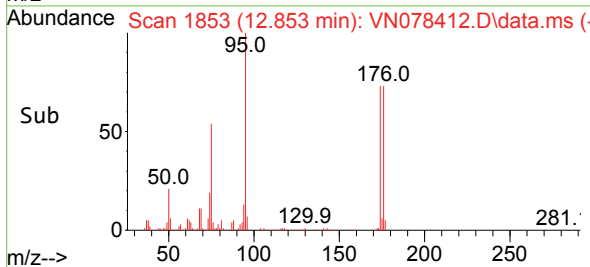
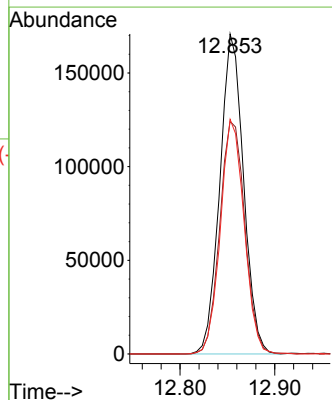
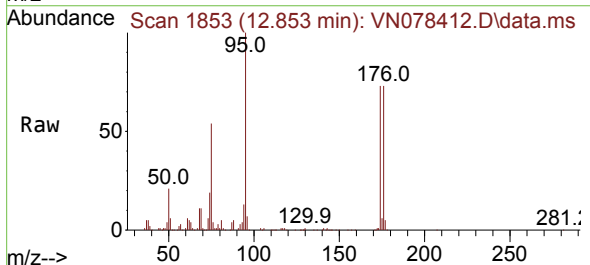
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

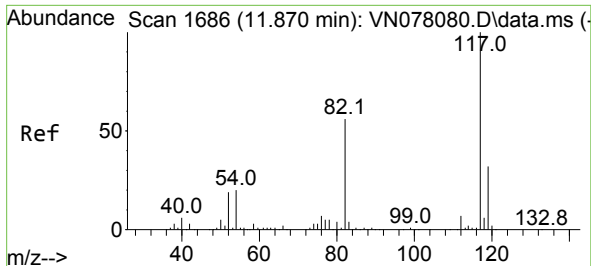
Tgt Ion: 43 Resp: 5724
Ion Ratio Lower Upper
43 100
58 56.8 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 48.637 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 95 Resp: 297110
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.5 0.0 135.8

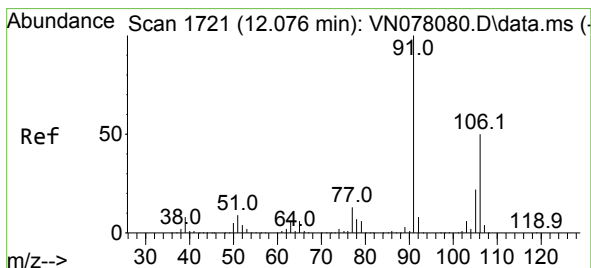
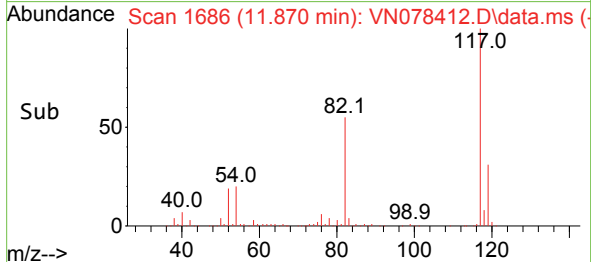
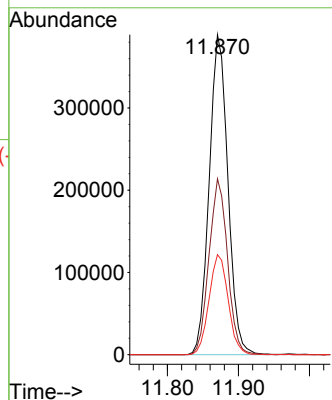
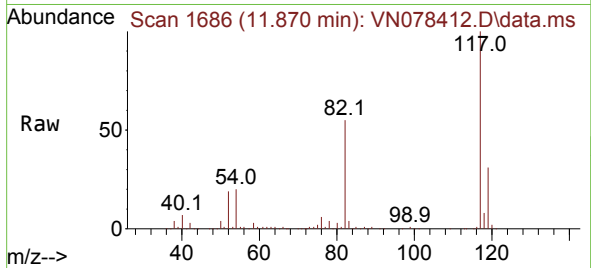




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

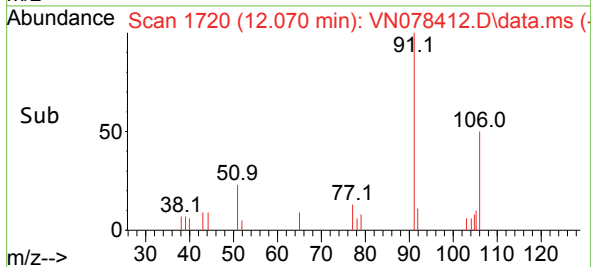
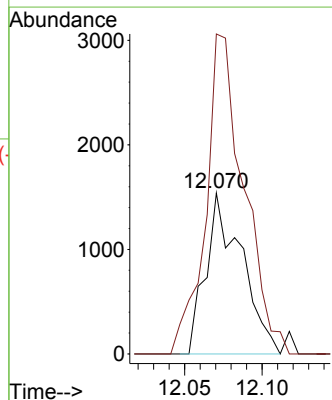
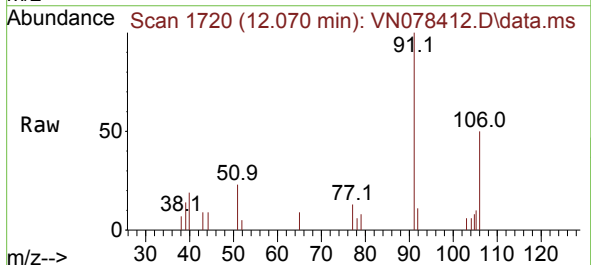
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

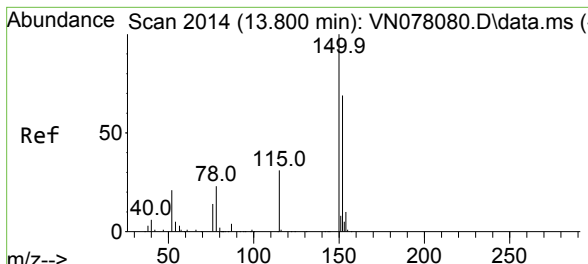
Tgt Ion:117 Resp: 711875
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion:106 Resp: 2474
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4

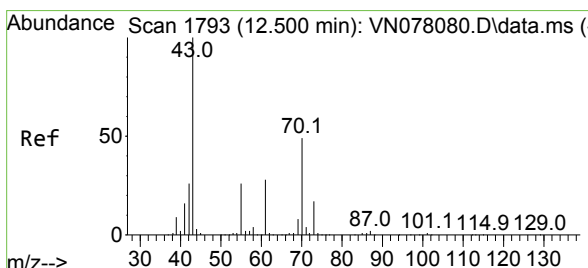
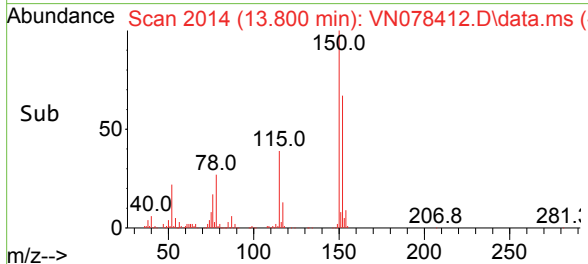
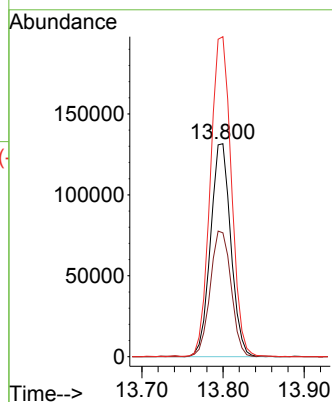
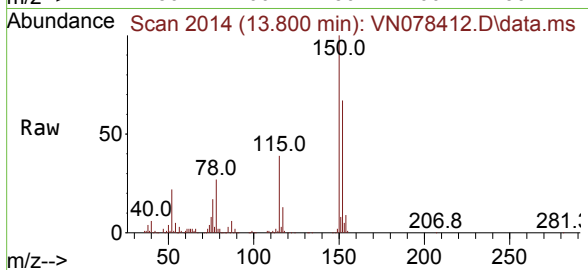




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078412.D
 Acq: 27 Jun 2023 11:59

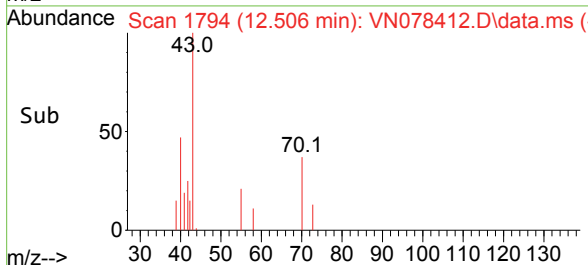
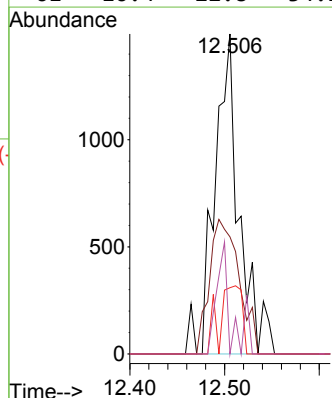
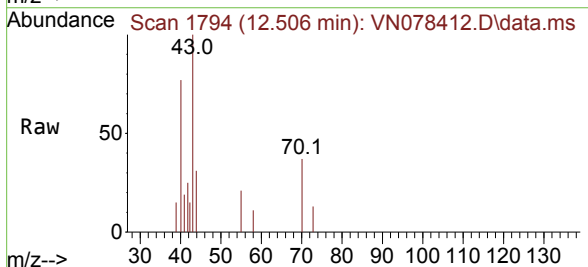
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

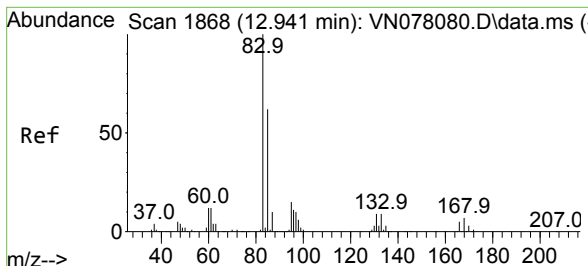
Tgt Ion:152 Resp: 228179
 Ion Ratio Lower Upper
 152 100
 115 60.7 32.3 96.8
 150 155.7 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.379 ug/l
 RT: 12.506 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VN078412.D
 Acq: 27 Jun 2023 11:59

Tgt Ion: 43 Resp: 2692
 Ion Ratio Lower Upper
 43 100
 70 50.7 43.4 65.2
 55 19.7 21.4 32.0#
 61 16.4 22.8 34.2#

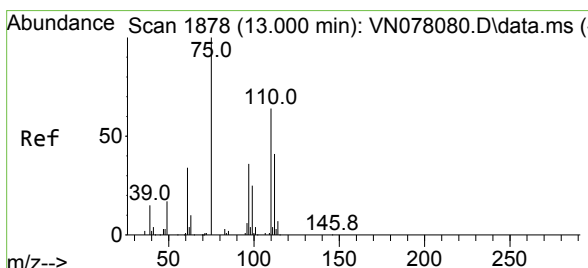
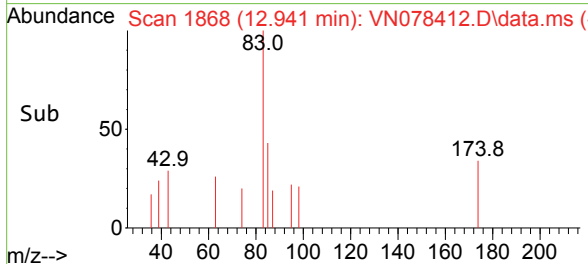
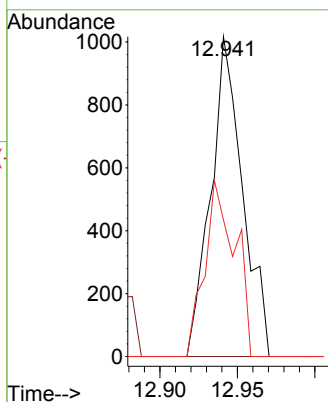
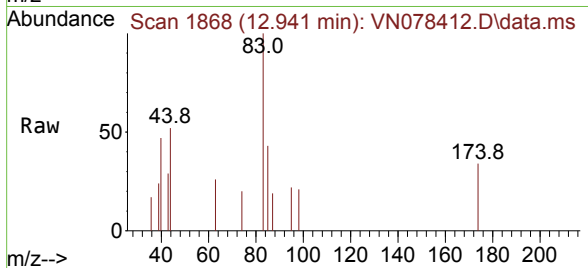




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

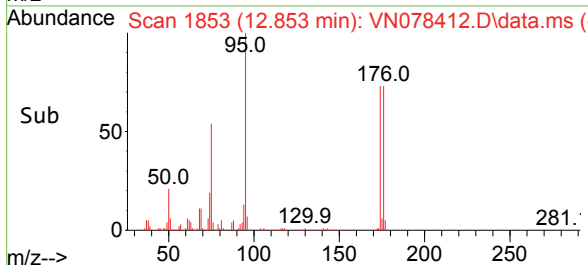
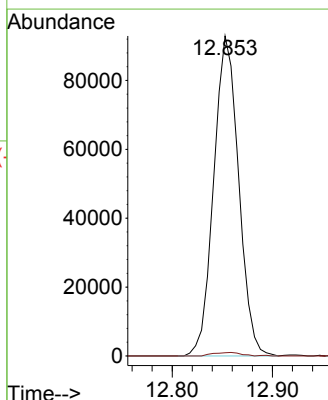
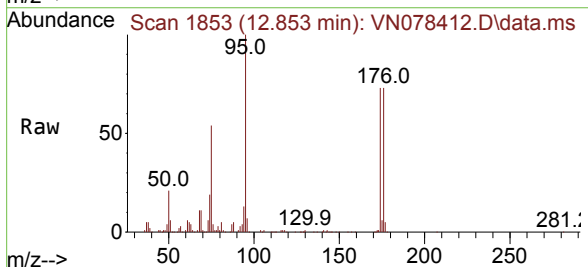
Instrument : MSVOA_N
ClientSampleId : VN0627MBL01

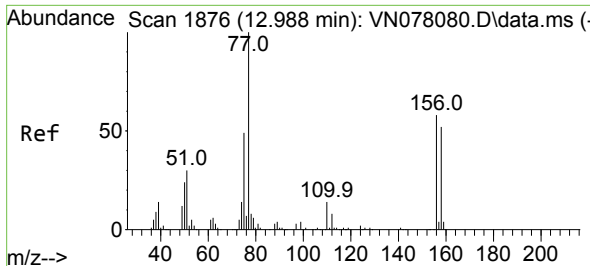
Tgt Ion: 83 Resp: 1452
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 52.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 75 Resp: 160345
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

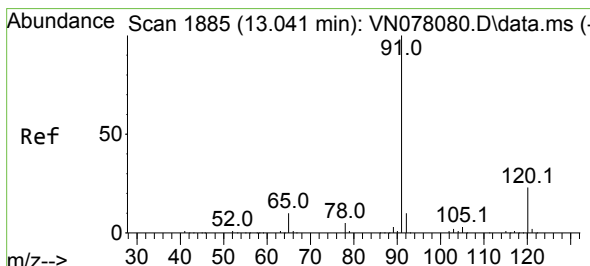
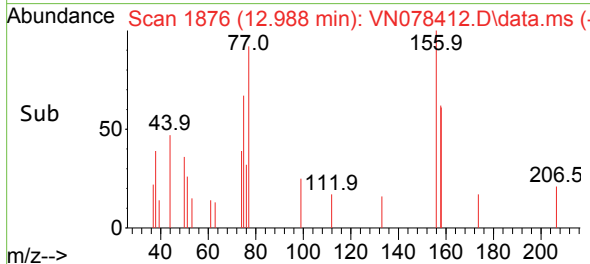
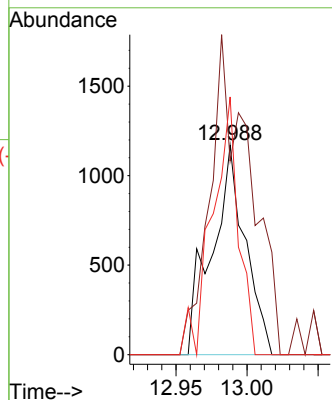
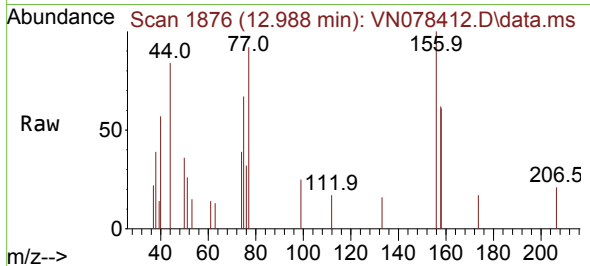




#77
Bromobenzene
Concen: 0.382 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

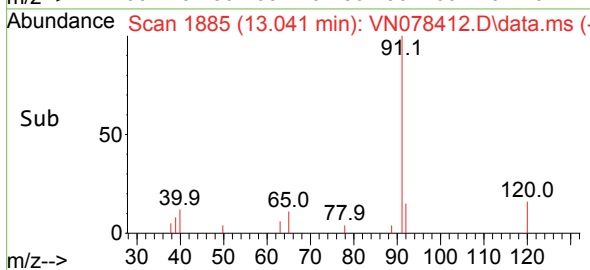
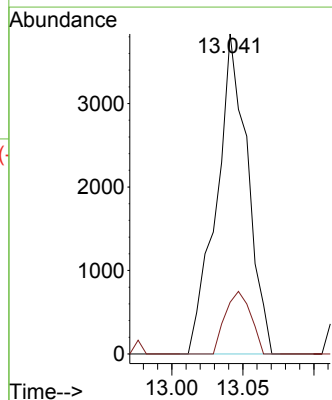
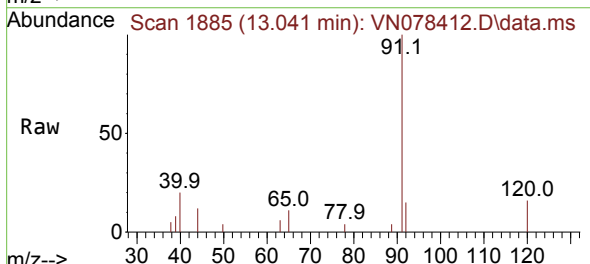
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

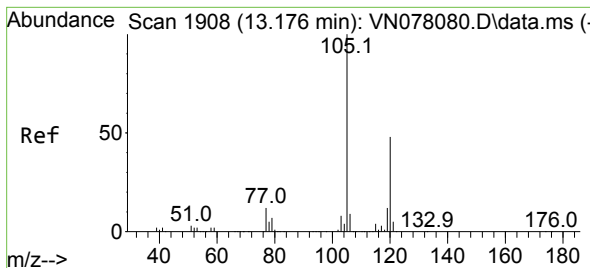
Tgt Ion:156 Resp: 1914
Ion Ratio Lower Upper
156 100
77 180.4 107.7 323.3
158 96.6 48.4 145.3



#78
n-propylbenzene
Concen: 0.248 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 91 Resp: 5823
Ion Ratio Lower Upper
91 100
120 16.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.236 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

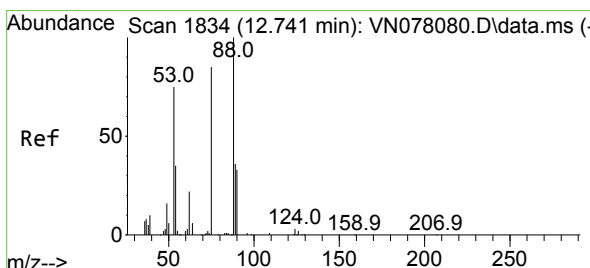
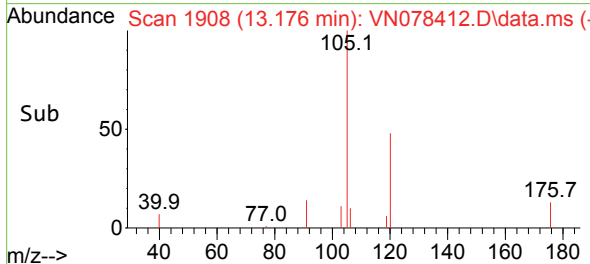
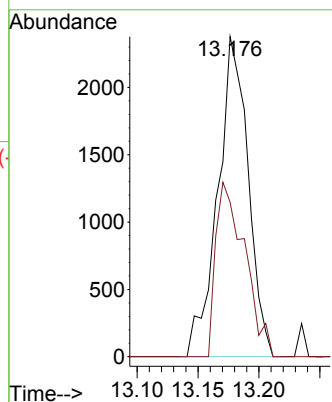
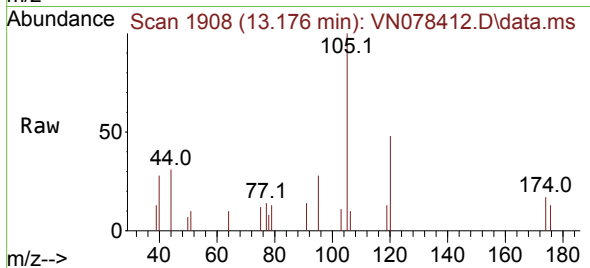
VN0627MBL01

Tgt Ion:105 Resp: 4117

Ion Ratio Lower Upper

105 100

120 51.9 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 91.325 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

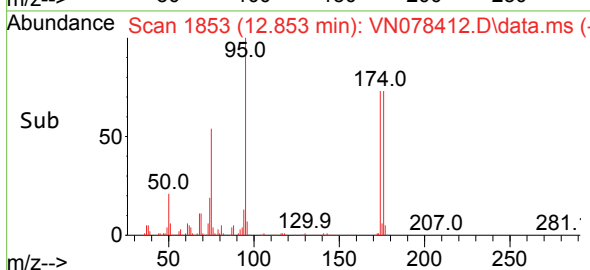
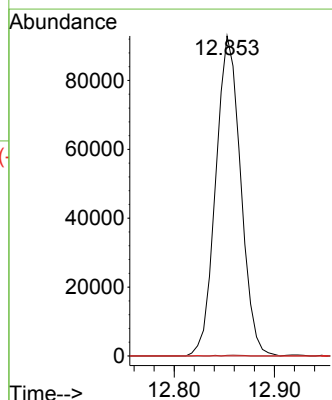
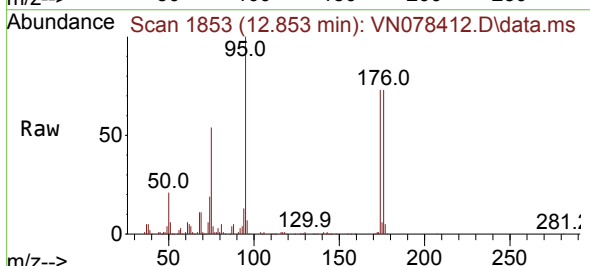
Tgt Ion: 75 Resp: 160345

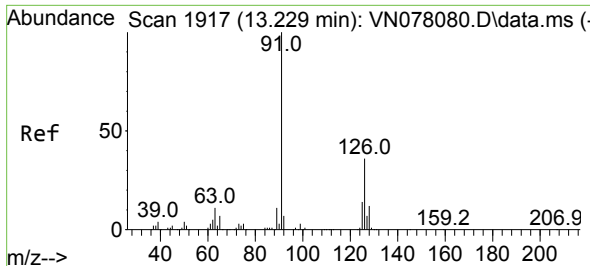
Ion Ratio Lower Upper

75 100

53 0.2 67.4 101.2#

89 0.0 38.8 58.2#

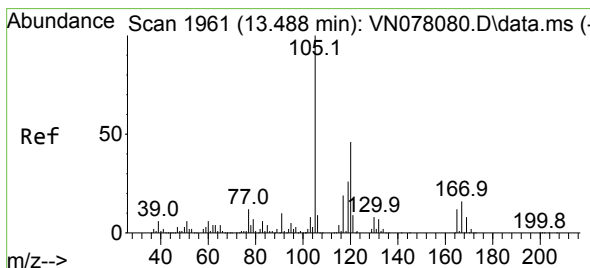
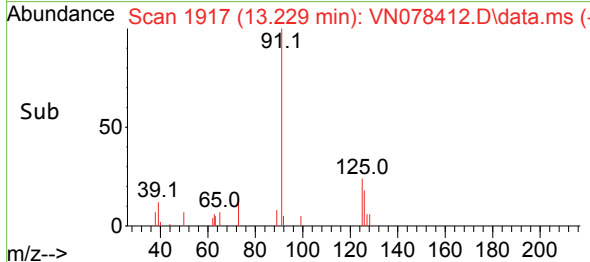
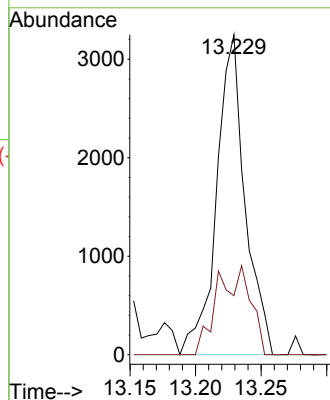
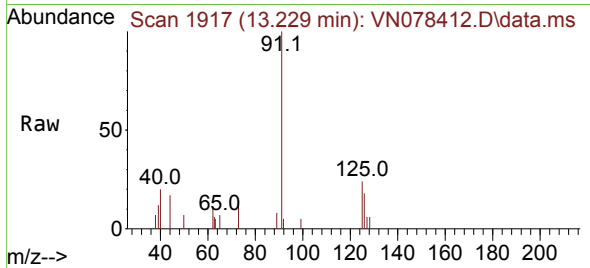




#82
4-Chlorotoluene
Concen: 0.347 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

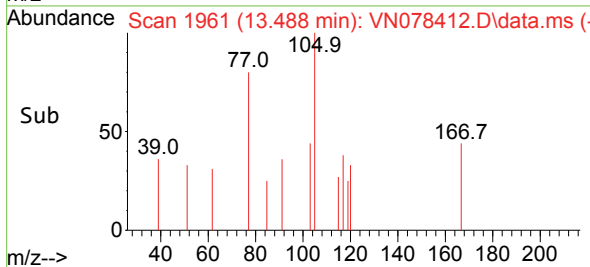
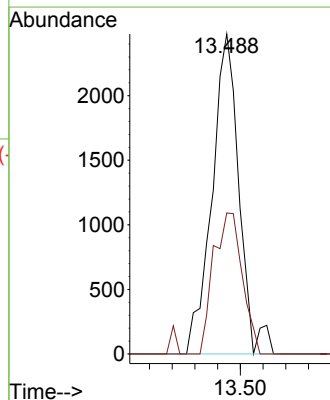
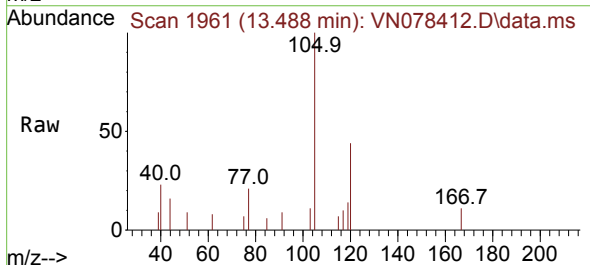
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

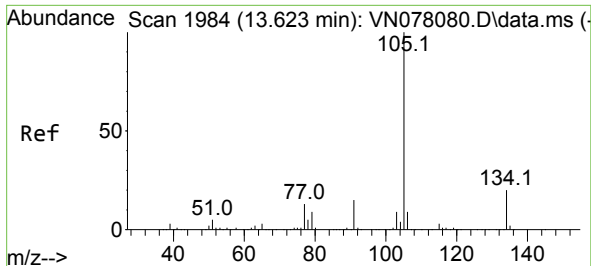
Tgt Ion: 91 Resp: 4894
Ion Ratio Lower Upper
91 100
126 19.0 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.242 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 105 Resp: 4092
Ion Ratio Lower Upper
105 100
120 46.9 22.0 66.0

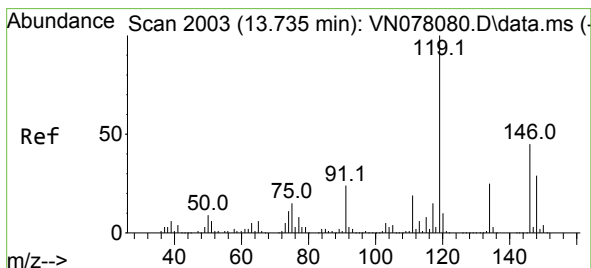
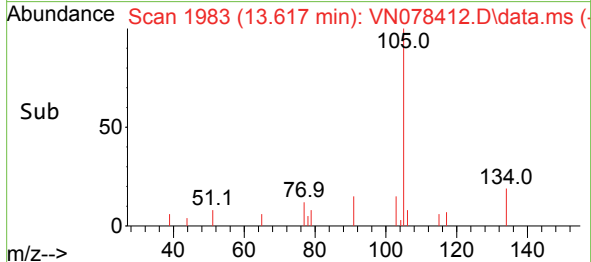
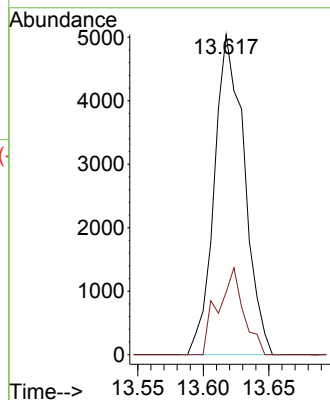
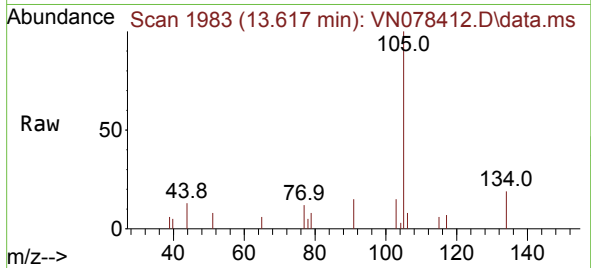




#85
 sec-Butylbenzene
 Concen: 0.404 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078412.D
 Acq: 27 Jun 2023 11:59

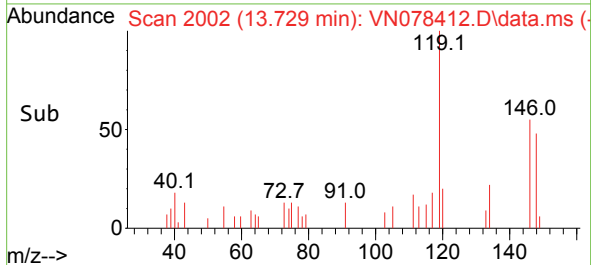
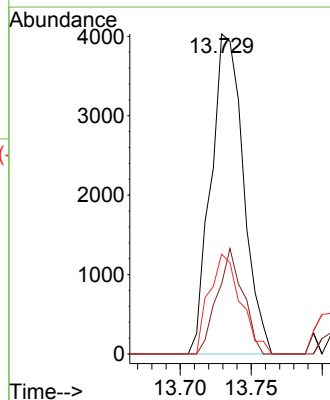
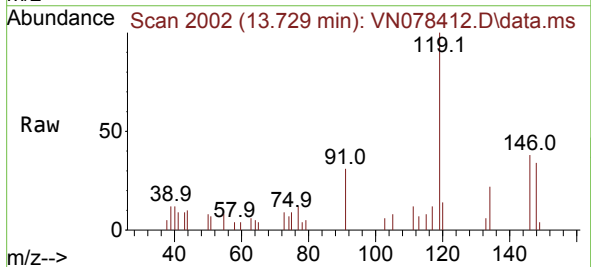
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

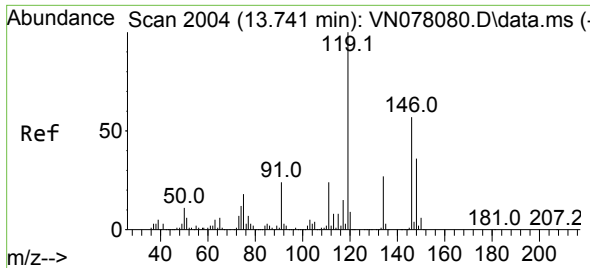
Tgt Ion:105 Resp: 8026
 Ion Ratio Lower Upper
 105 100
 134 23.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.397 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN078412.D
 Acq: 27 Jun 2023 11:59

Tgt Ion:119 Resp: 6399
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 30.4 12.4 37.2

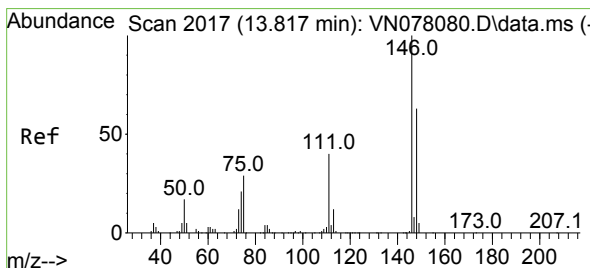
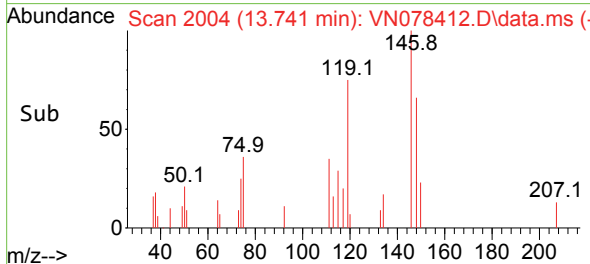
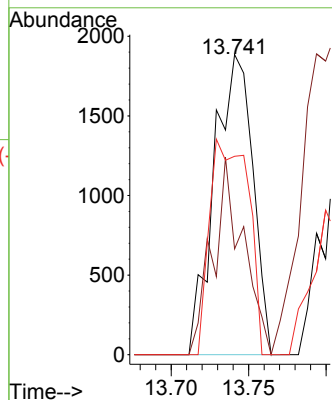
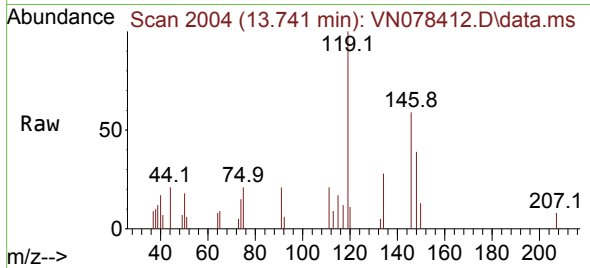




#87
 1,3-Dichlorobenzene
 Concen: 0.385 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN078412.D
 Acq: 27 Jun 2023 11:59

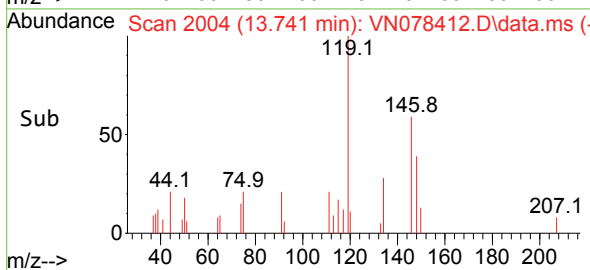
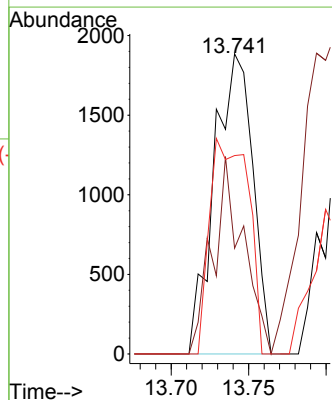
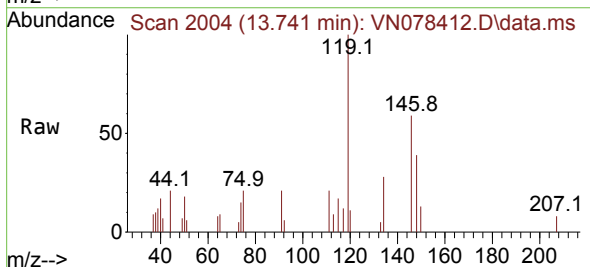
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

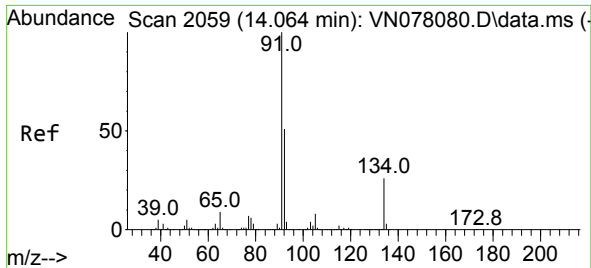
Tgt Ion:146	Resp:	3261
Ion	Ratio	Lower Upper
146	100	
111	51.9	22.1 66.3
148	71.9	32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.399 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.076 min
 Lab File: VN078412.D
 Acq: 27 Jun 2023 11:59

Tgt Ion:146	Resp:	3261
Ion	Ratio	Lower Upper
146	100	
111	51.9	20.6 61.8
148	71.9	31.6 94.8

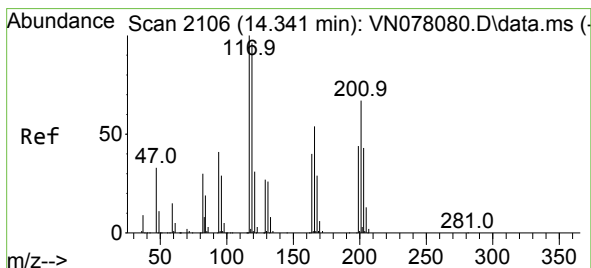
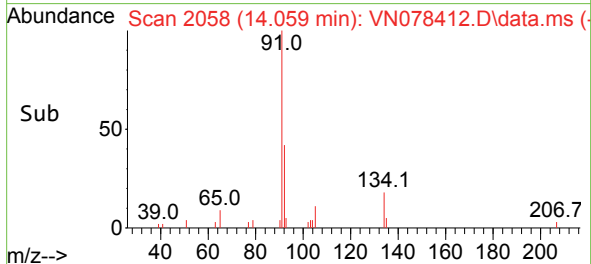
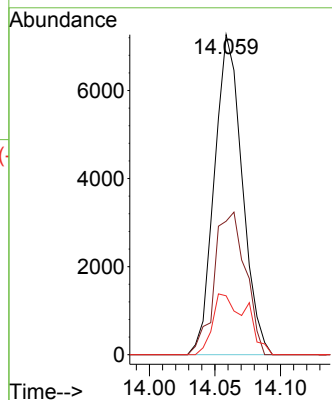
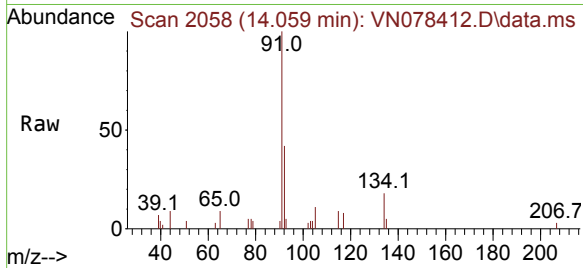




#89
n-Butylbenzene
Concen: 0.842 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

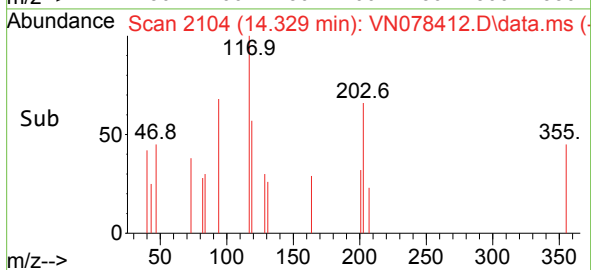
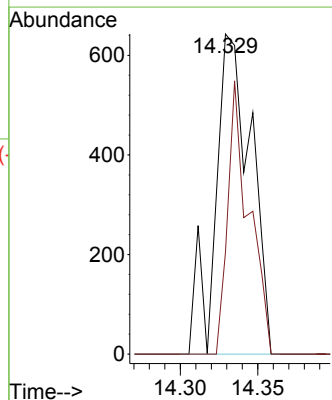
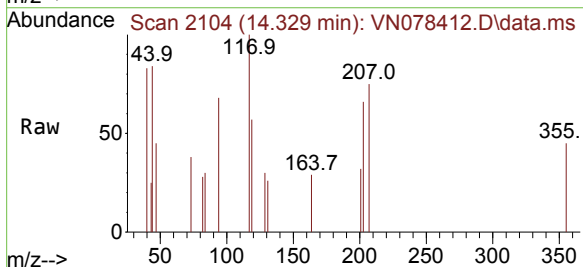
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

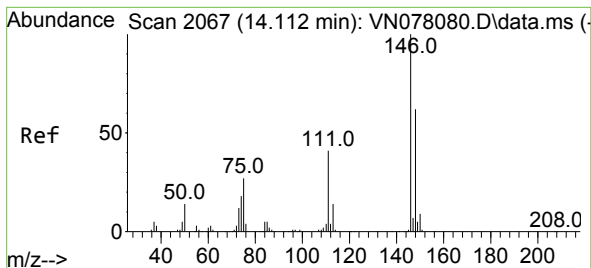
Tgt Ion: 91	Resp:	10713
Ion Ratio	Lower	Upper
91	100	
92	50.0	26.4 79.0
134	23.1	12.6 37.6



#90
Hexachloroethane
Concen: 0.360 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.012 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 117	Resp:	1031
Ion Ratio	Lower	Upper
117	100	
201	50.4	29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 0.479 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0627MBL01

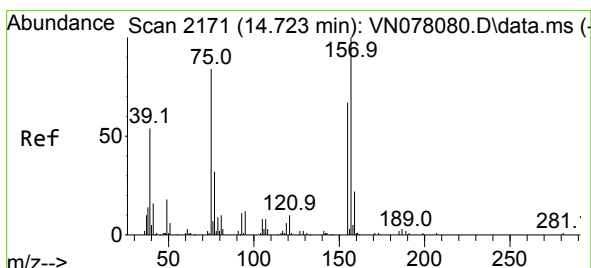
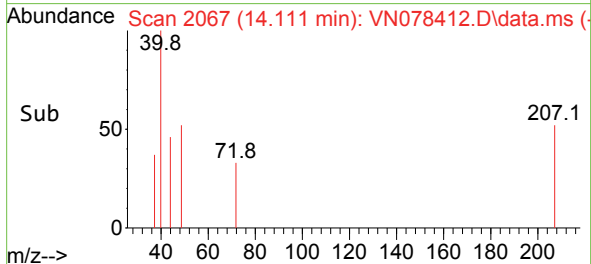
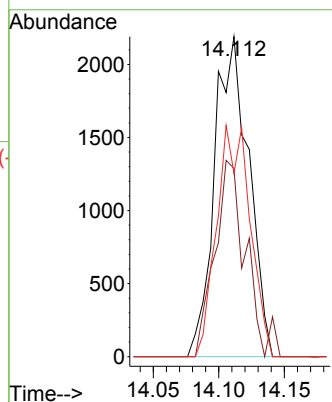
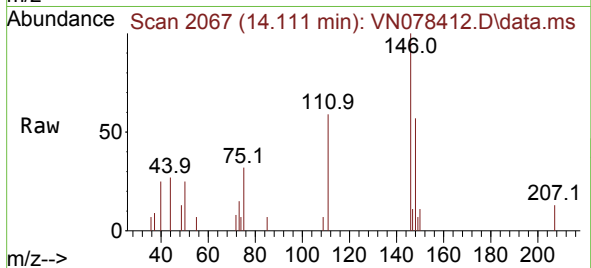
Tgt Ion:146 Resp: 3968

Ion Ratio Lower Upper

146 100

111 55.7 22.0 66.0

148 70.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.683 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

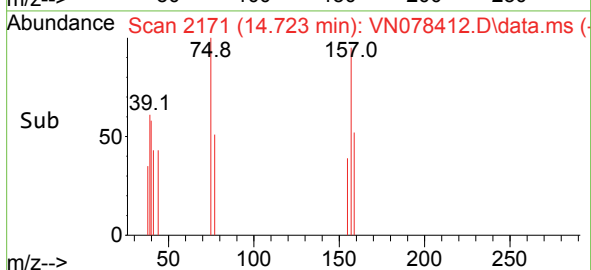
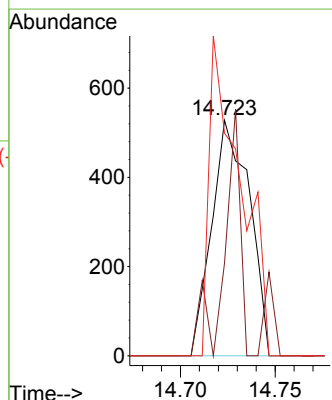
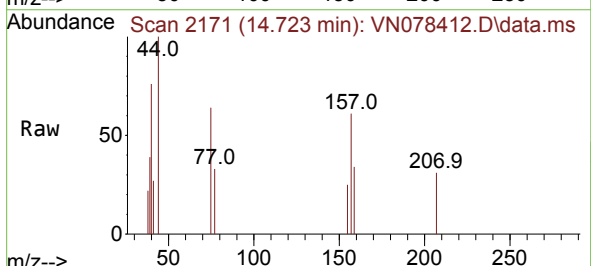
Tgt Ion: 75 Resp: 730

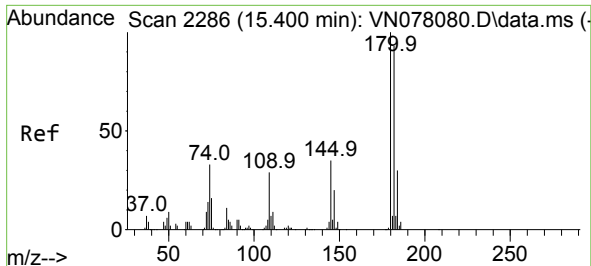
Ion Ratio Lower Upper

75 100

155 44.9 39.1 117.2

157 112.5 50.3 150.9

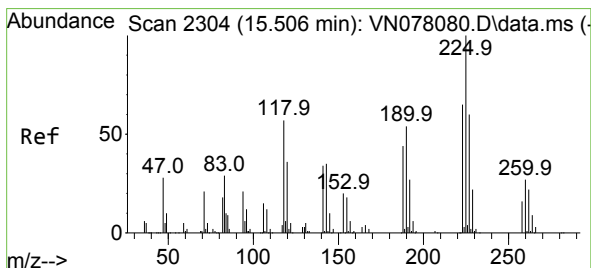
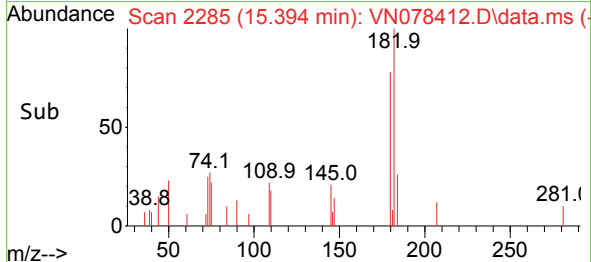
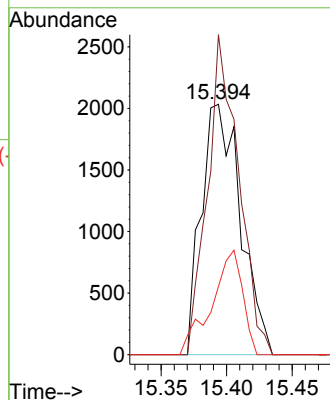
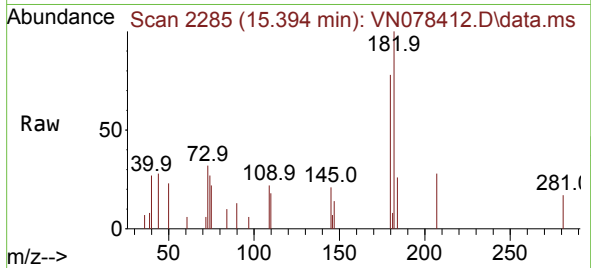




#93
1,2,4-Trichlorobenzene
Concen: 1.433 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

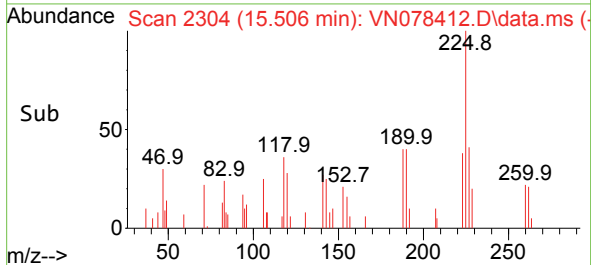
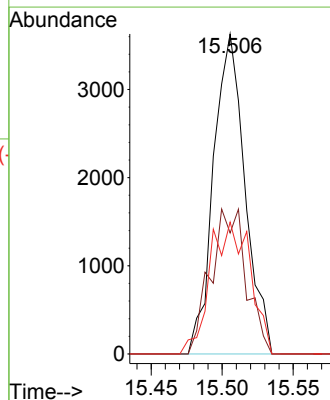
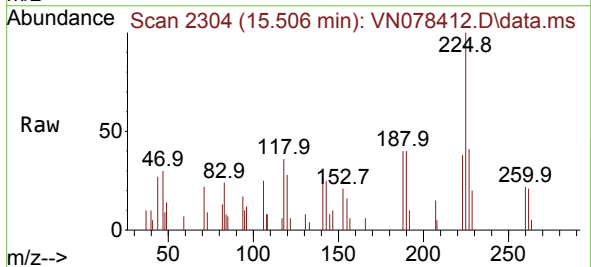
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

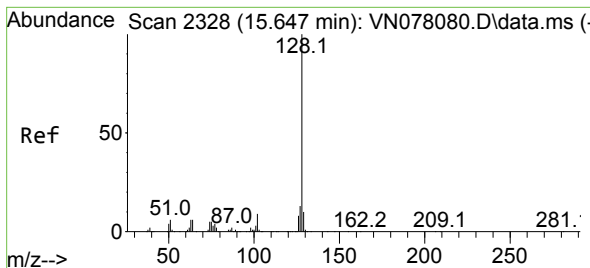
Tgt Ion:180 Resp: 4229
Ion Ratio Lower Upper
180 100
182 101.6 46.1 138.2
145 33.0 16.6 49.8



#94
Hexachlorobutadiene
Concen: 1.249 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion:225 Resp: 5584
Ion Ratio Lower Upper
225 100
223 51.2 31.3 93.8
227 52.9 31.9 95.9





#95

Naphthalene

Concen: 1.519 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0627MBL01

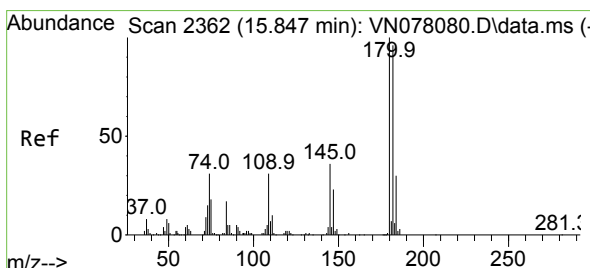
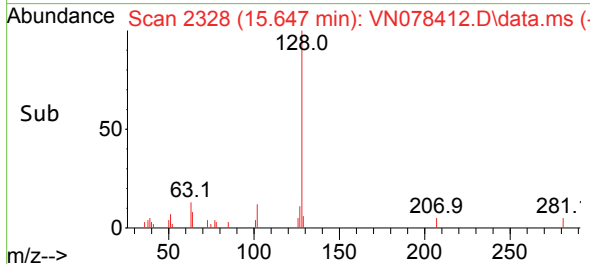
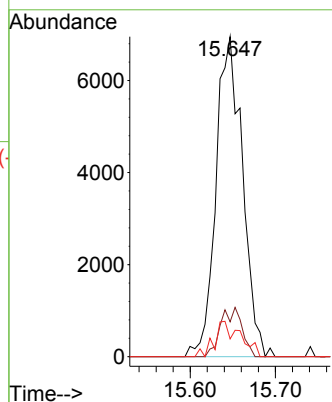
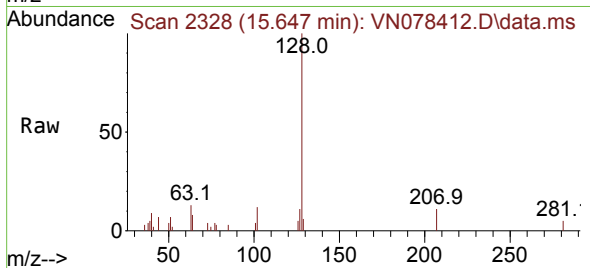
Tgt Ion:128 Resp: 15076

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.764 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

Tgt Ion:180 Resp: 5820

Ion Ratio Lower Upper

180 100

182 98.8 46.2 138.6

145 29.4 17.5 52.6

